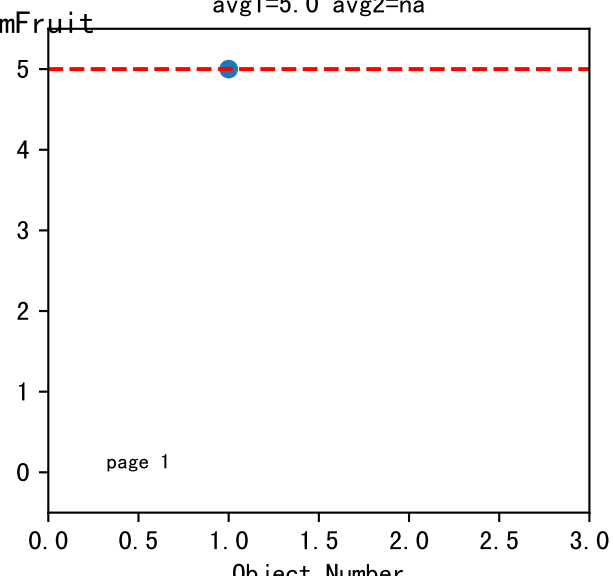
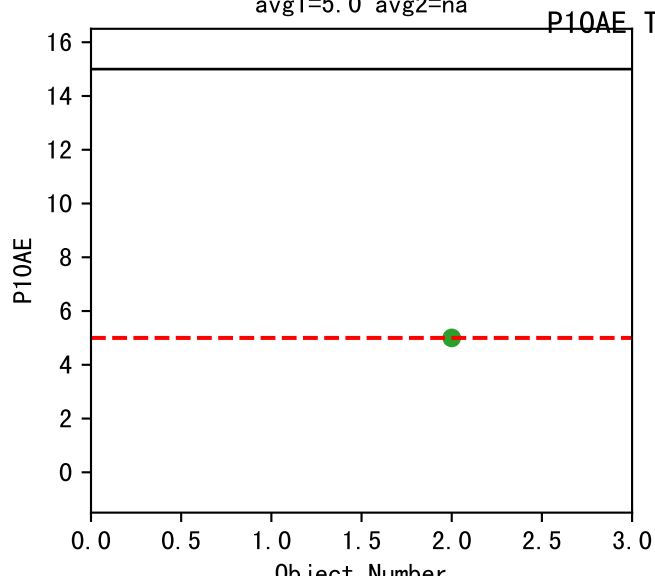


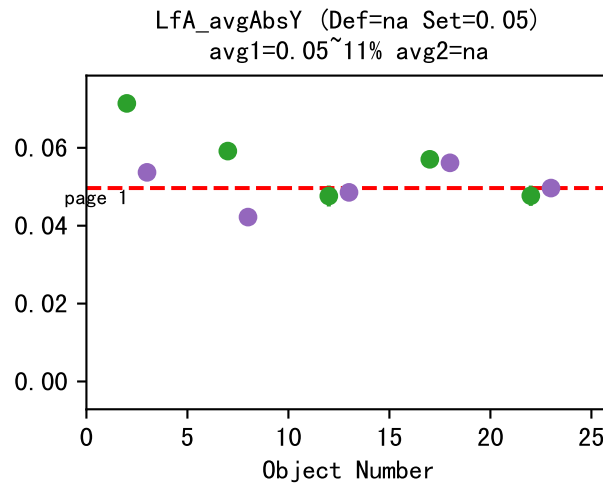
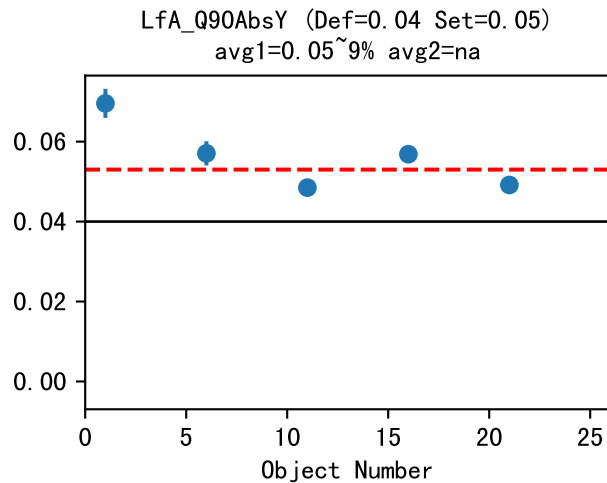
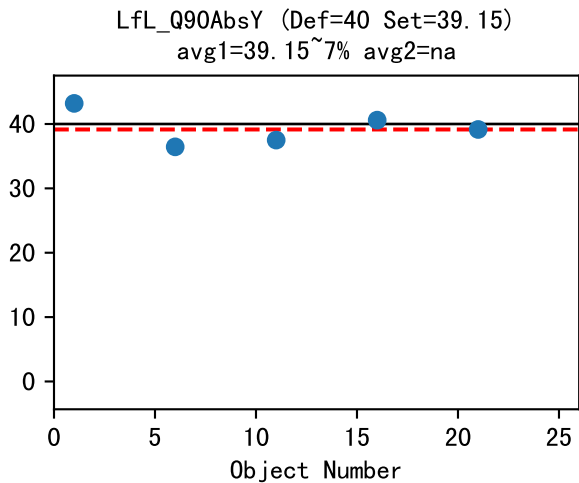
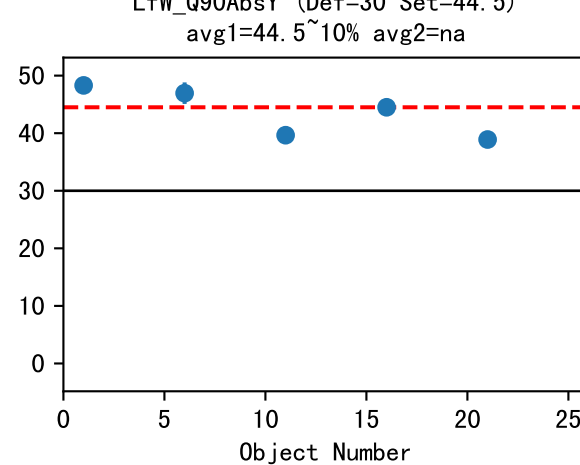
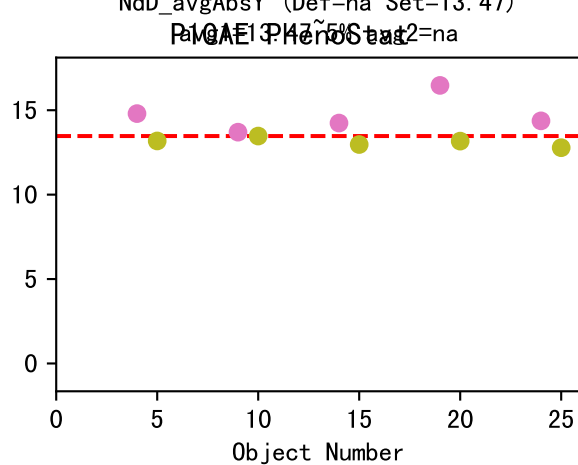
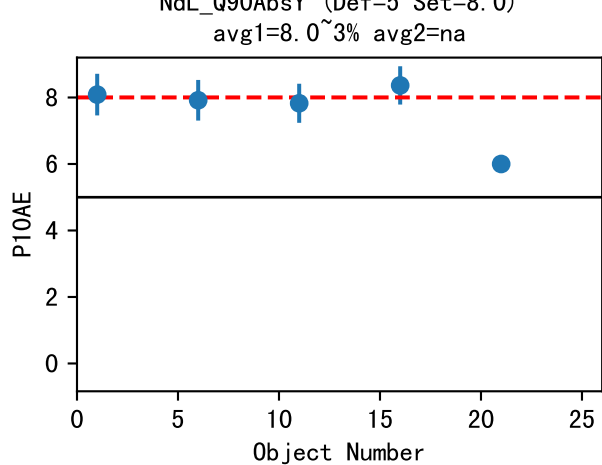
Phenotype Data Analysis Plots
PhenoData day range = 18 - 58
Analysis cutoff day = 58
NC11 P10
2025-12-16 (Day 59)

avg1=0.00% avg2=na
P10AE TrimTruss

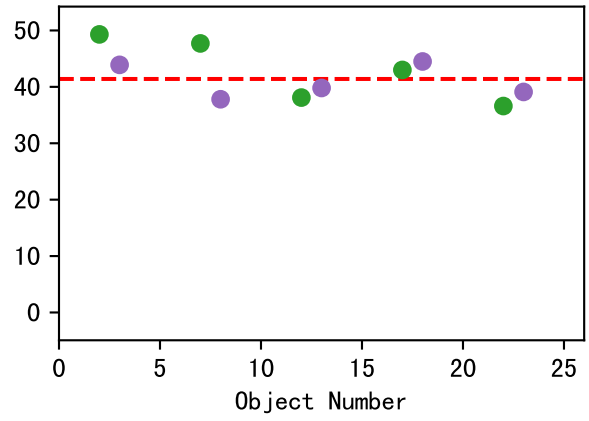


page 1

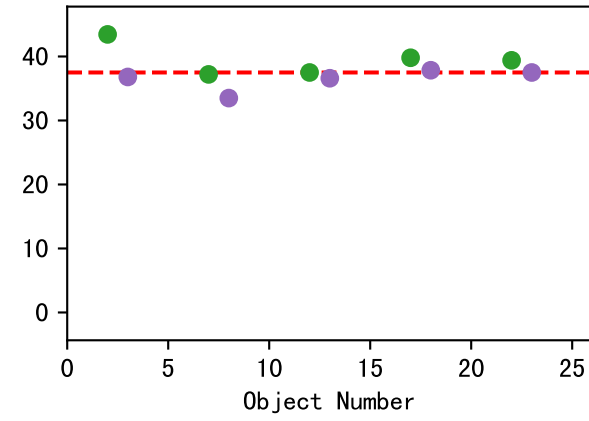




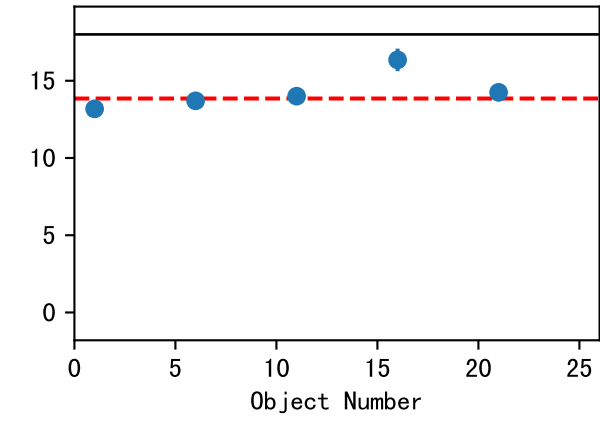
LTW_avgAbsY (Def=na Set=41.4)
avg1=41.4~11% avg2=na



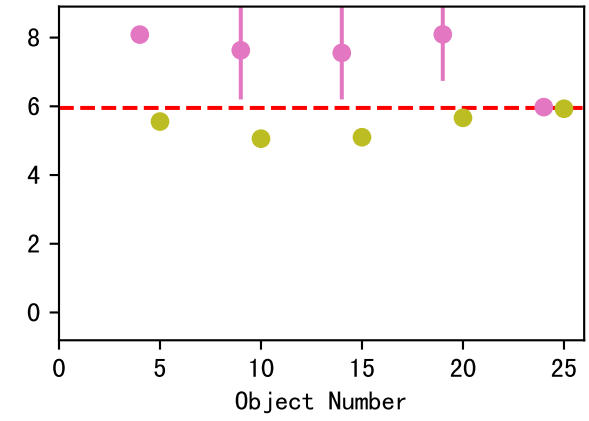
LTL_avgAbsY (Def=na Set=37.5)
avg1=37.5~3% avg2=na



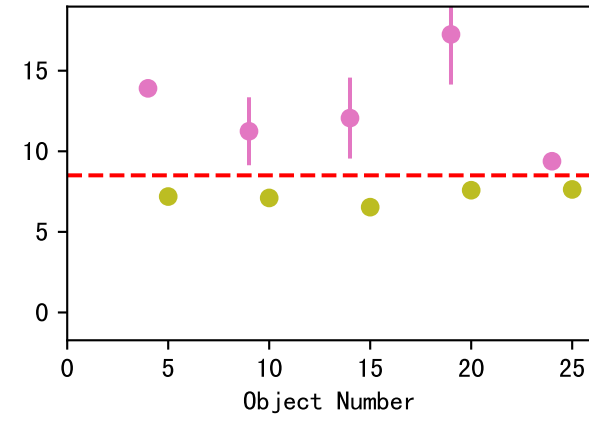
NdU_Q90AbsY (Def=18 Set=13.85)
avg1=13.85~3% avg2=na



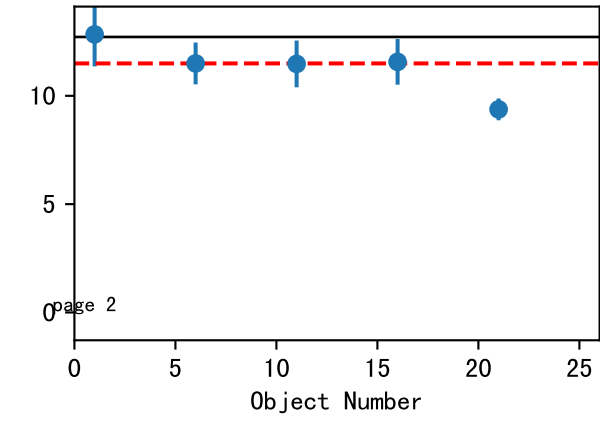
NdL_avgAbsY (Def=na Set=5.95)
avg1=5.95~21% avg2=na



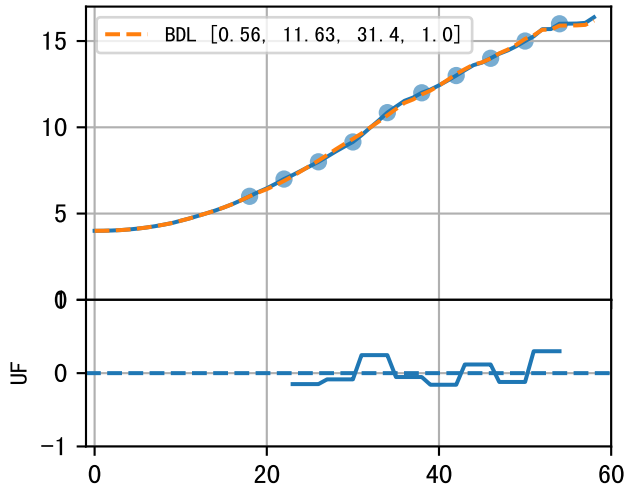
NdV_avgAbsY (Def=na Set=8.51)
avg1=8.51~42% avg2=na



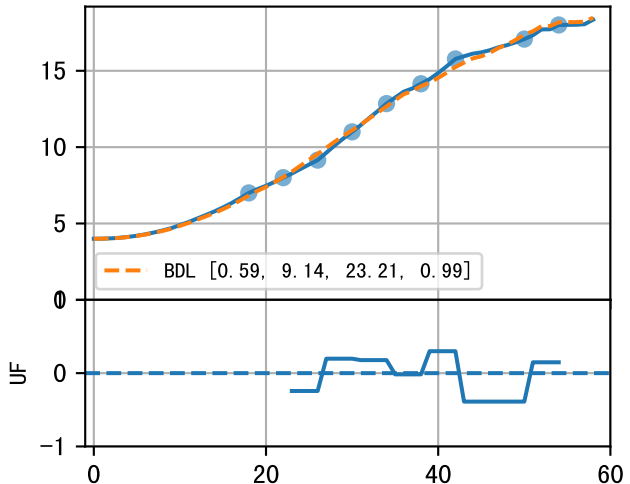
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=11.5~0% avg2=na



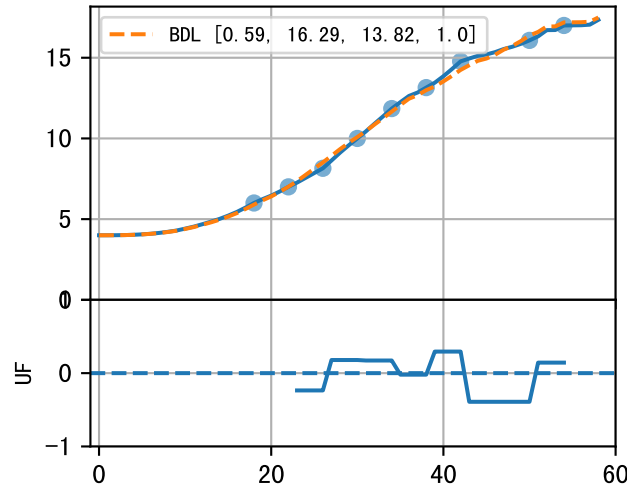
P10AE-081-12 (fit failed)



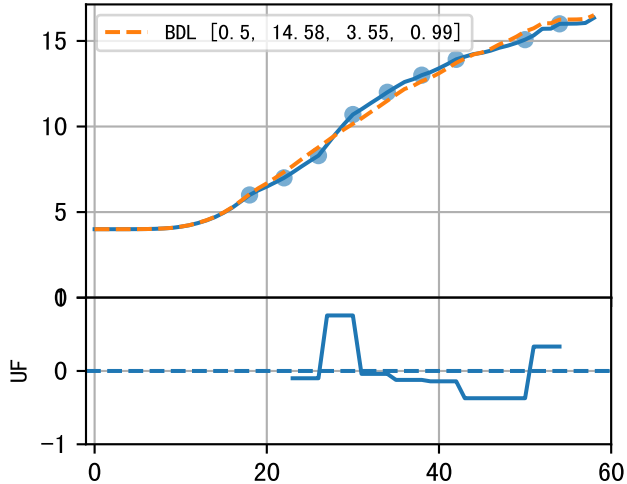
P10AE-087-27 (fit failed)



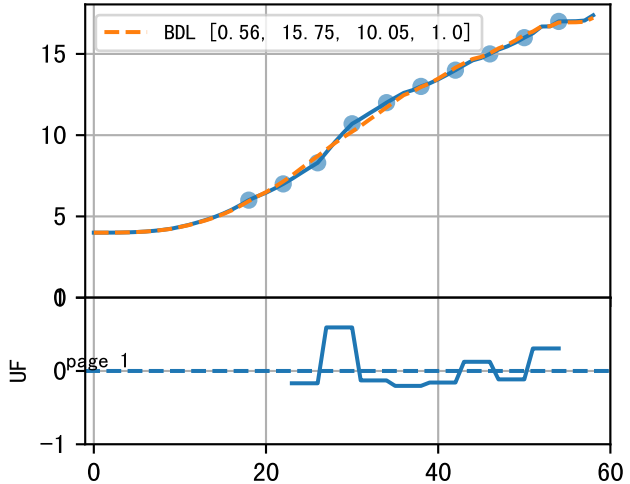
P10AE-095-20 (fit failed)



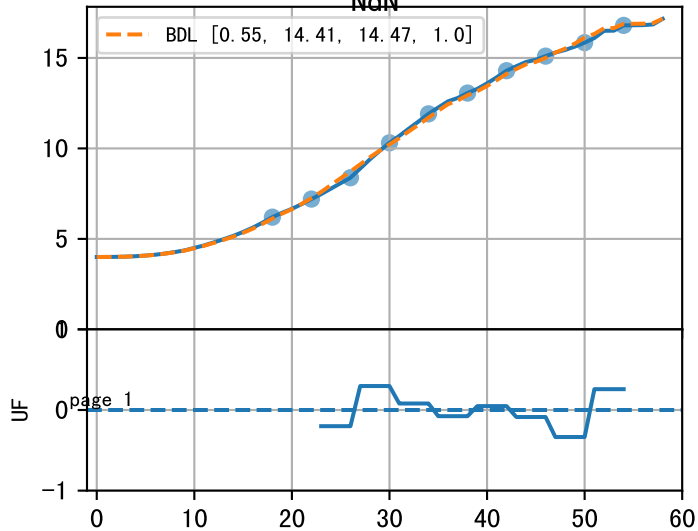
P10AE-103-32 (fit failed)



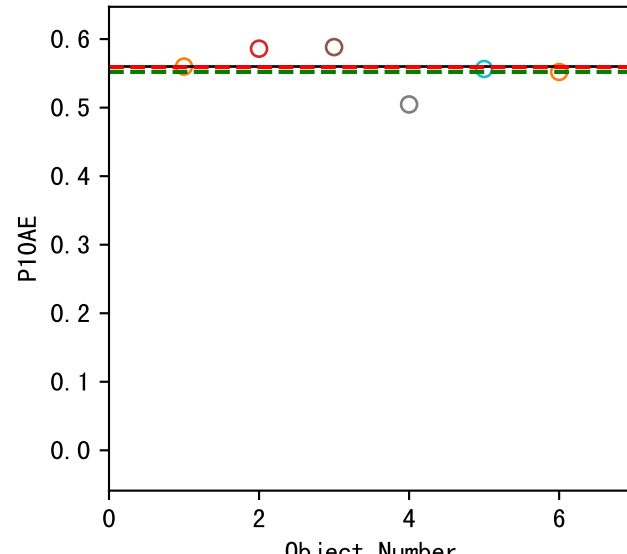
P10AE-114-7 (fit failed)



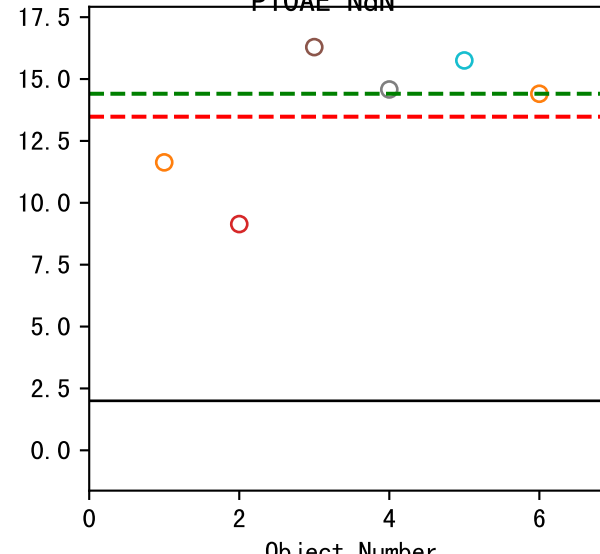
PIOAEavg (1st failed)
NdN



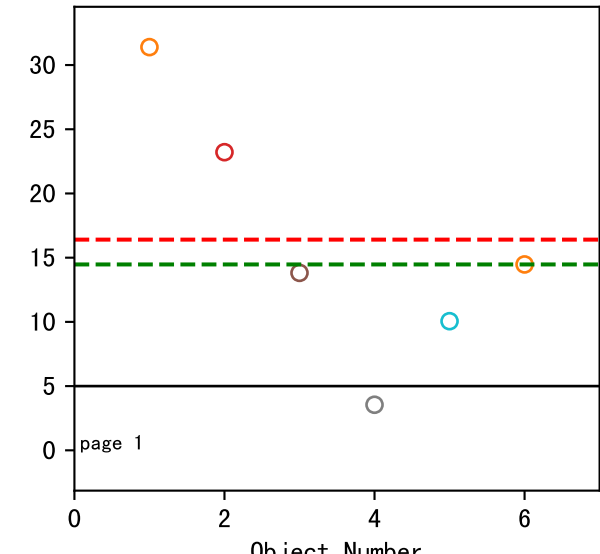
avg1=0.56 (fail) avg2=0.55

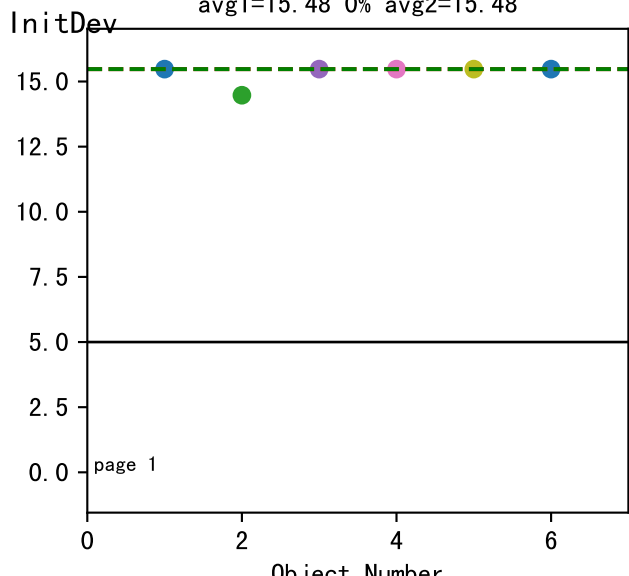
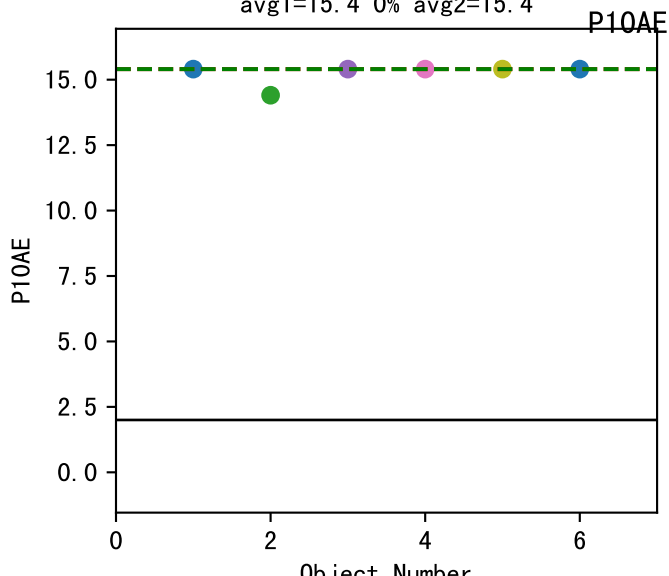


avg1=13.48 (fail) avg2=14.41

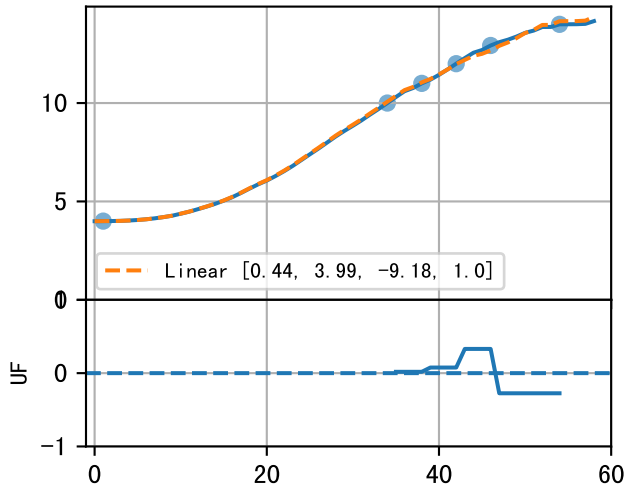


avg1=16.41 (fail) avg2=14.47

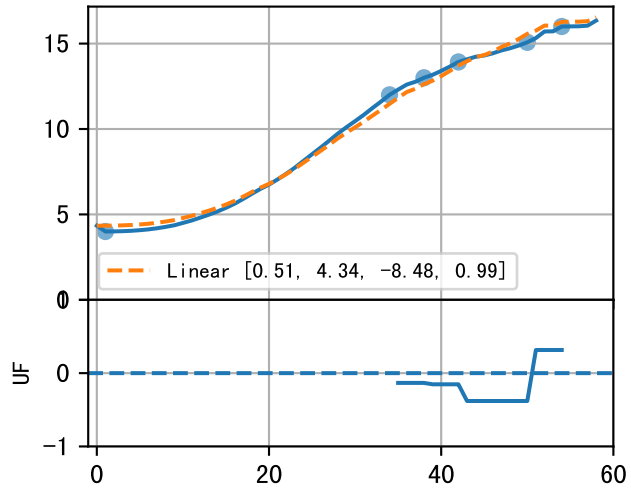




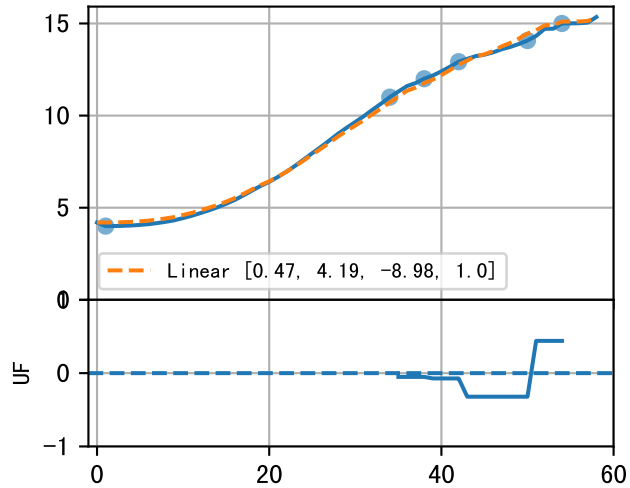
P10AE-081-12



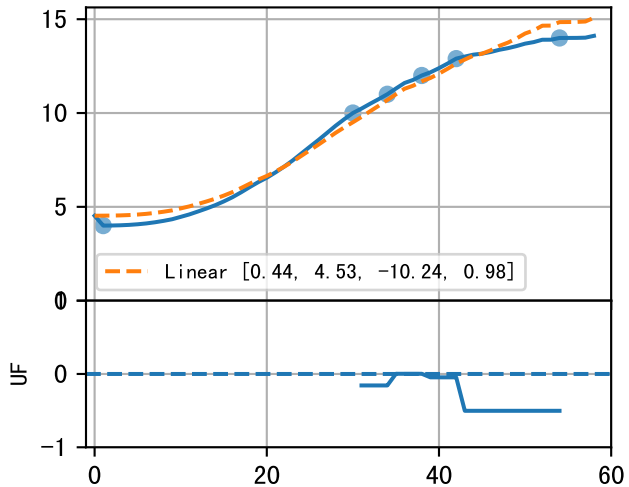
P10AE-087-27



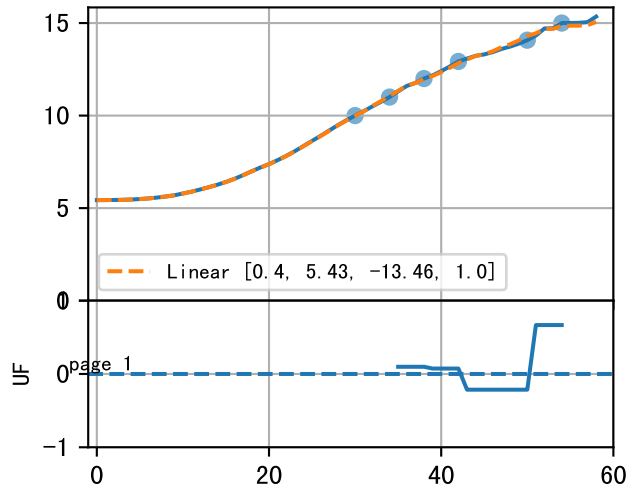
P10AE-095-20



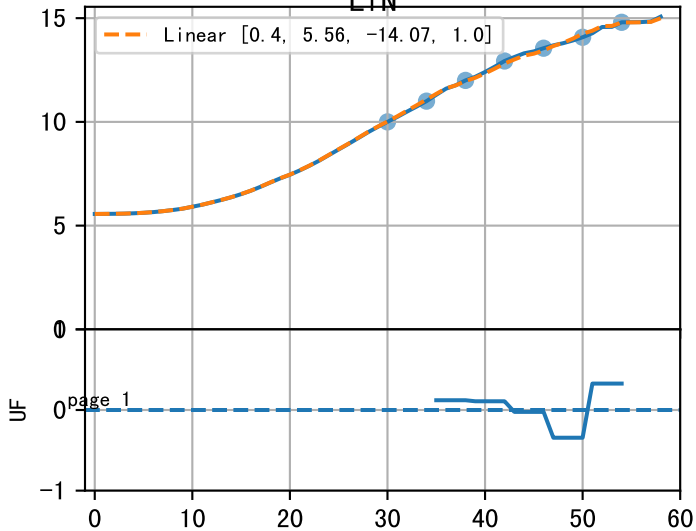
P10AE-103-32



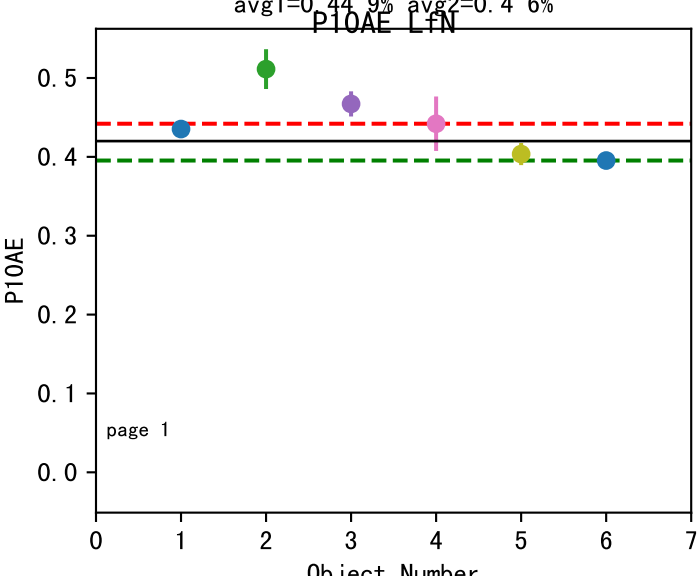
P10AE-114-7



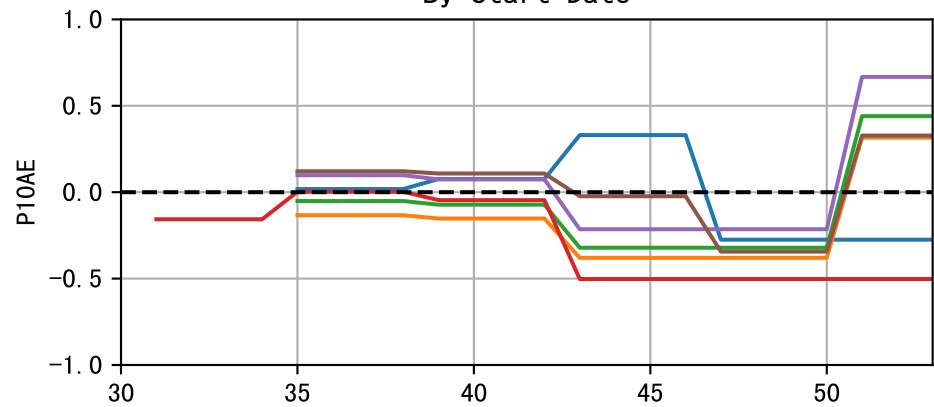
PTUARavg
LfN



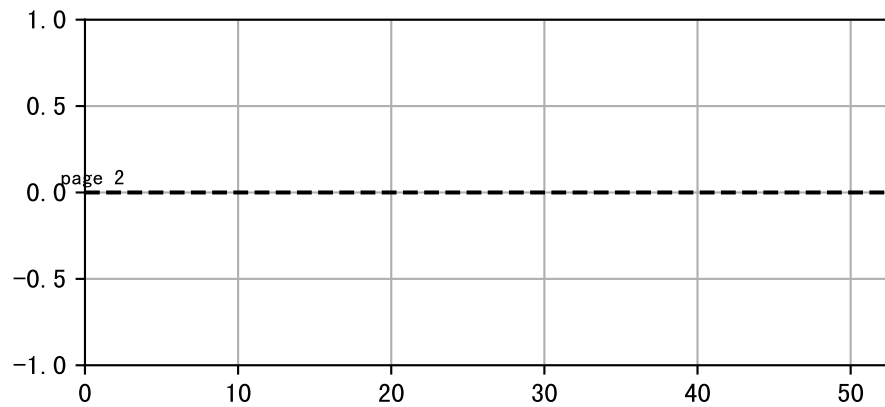
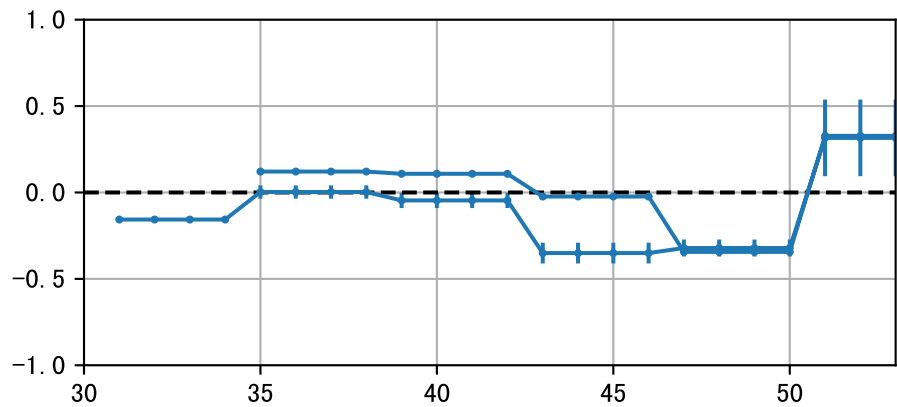
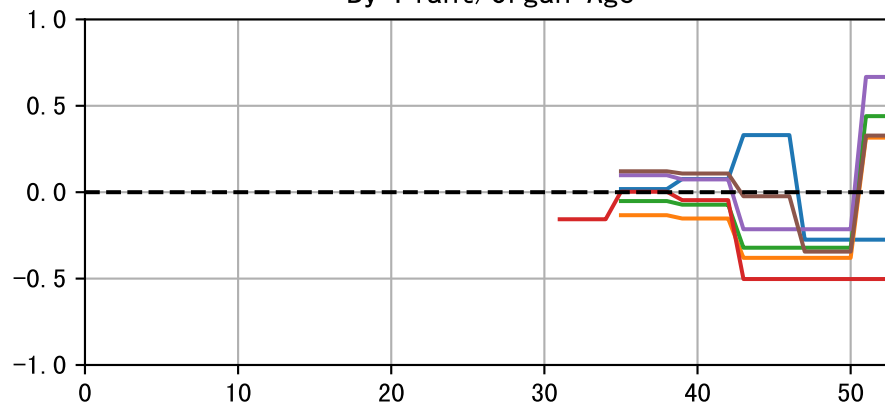
page 1



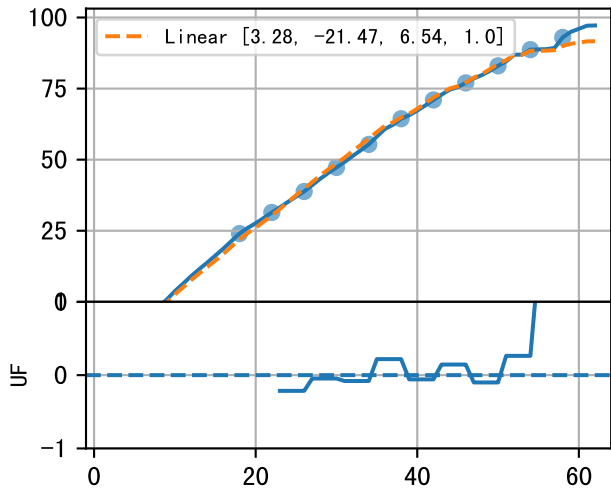
By Start Date



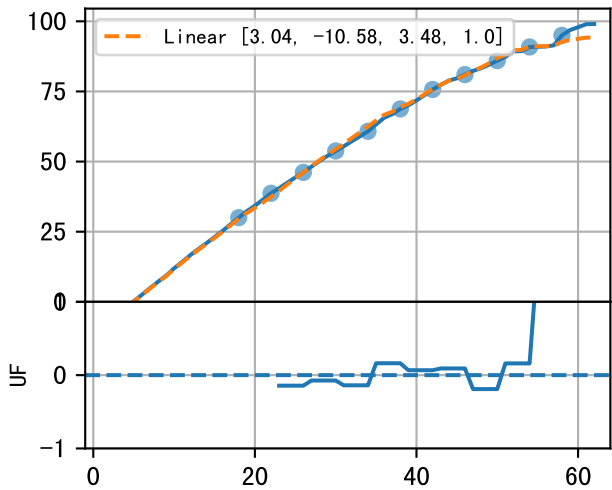
By Plant/Organ Age



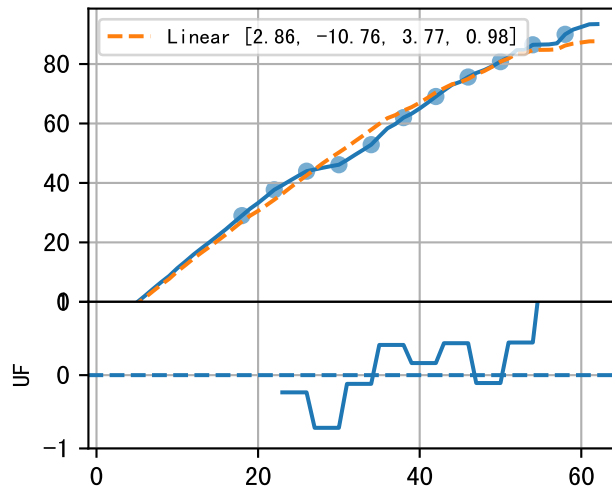
P10AE-081-12



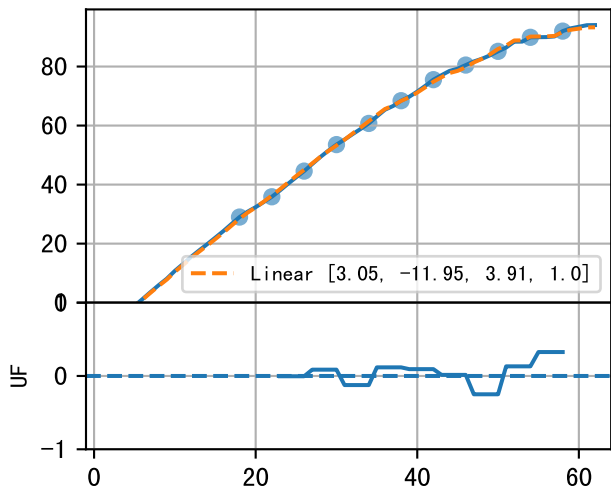
P10AE-087-27



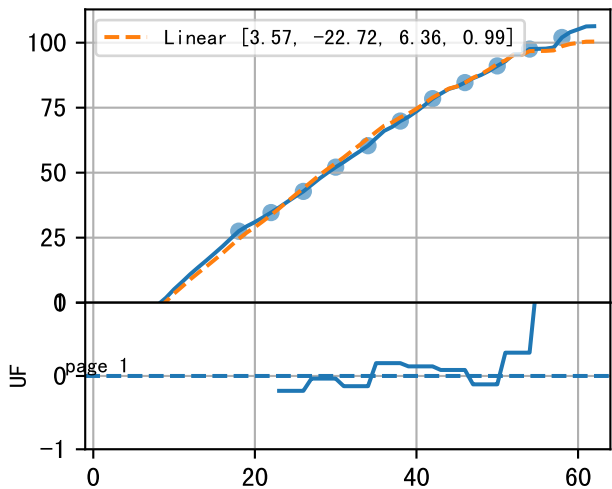
P10AE-095-20

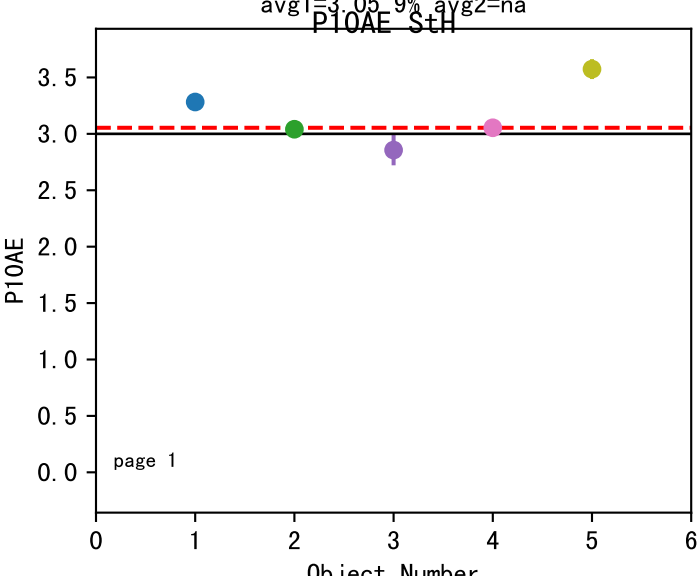


P10AE-103-32

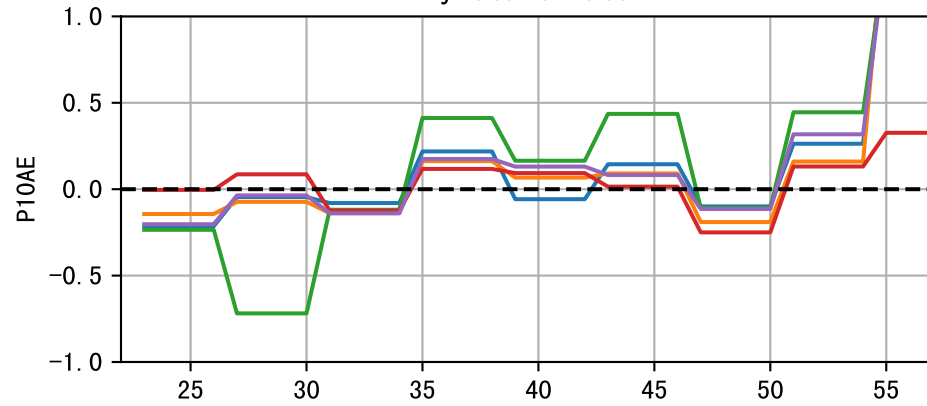


P10AE-114-7

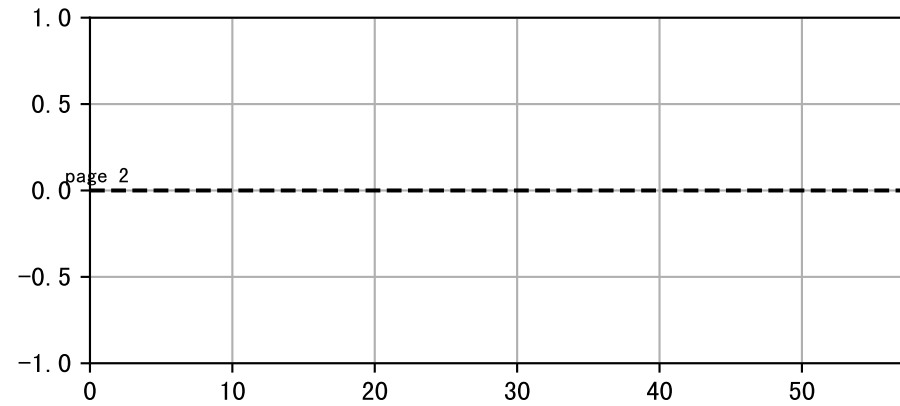
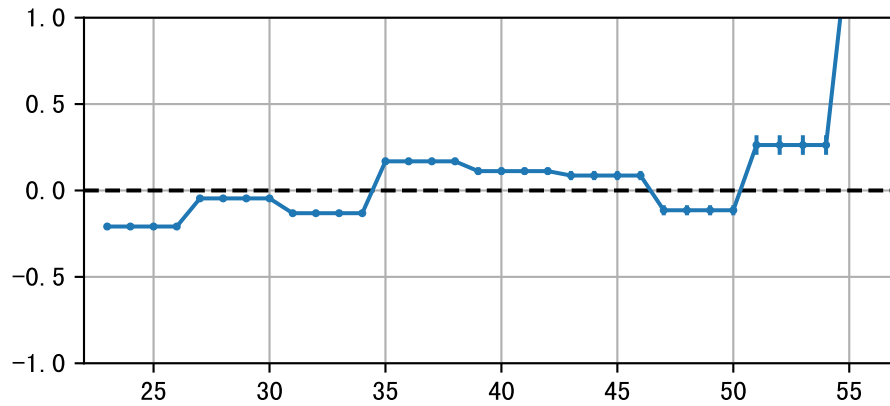
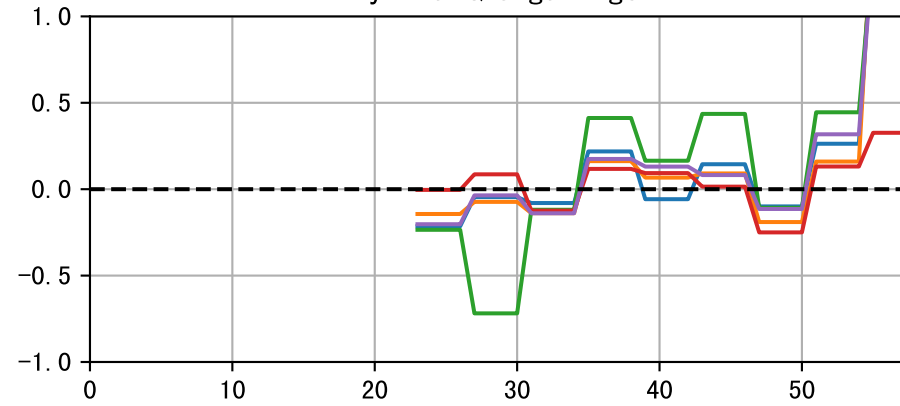




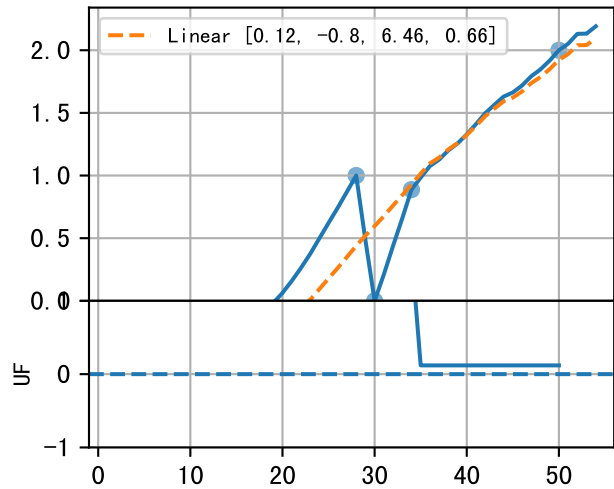
By Start Date



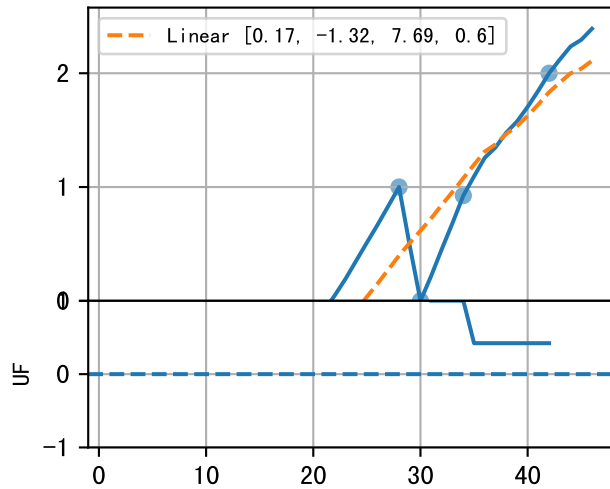
By Plant/Organ Age



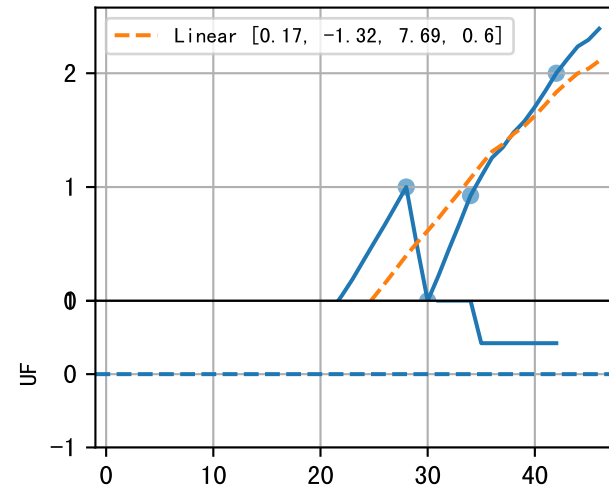
P10AE-081-12



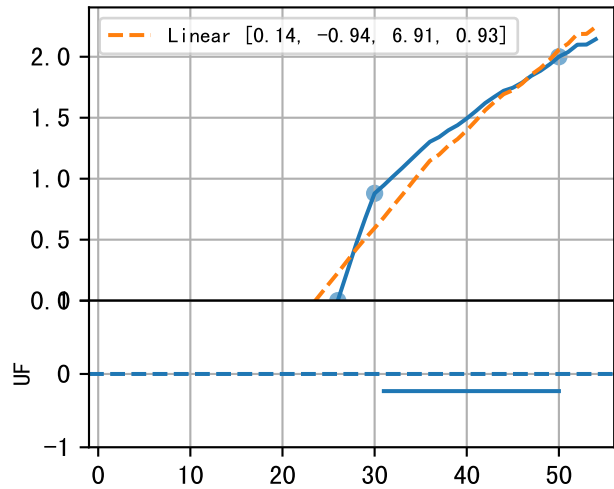
P10AE-087-27



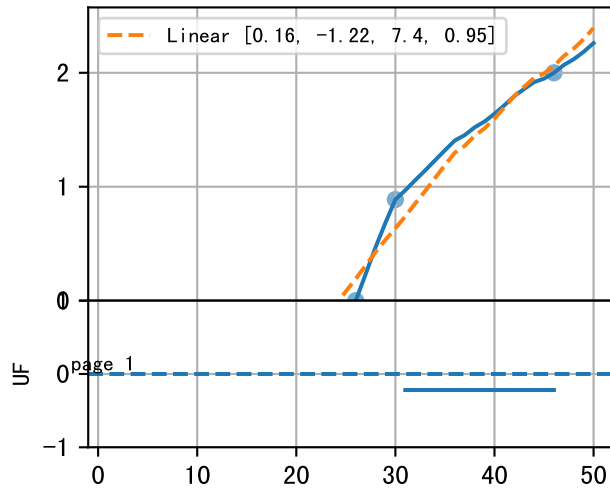
P10AE-095-20



P10AE-103-32

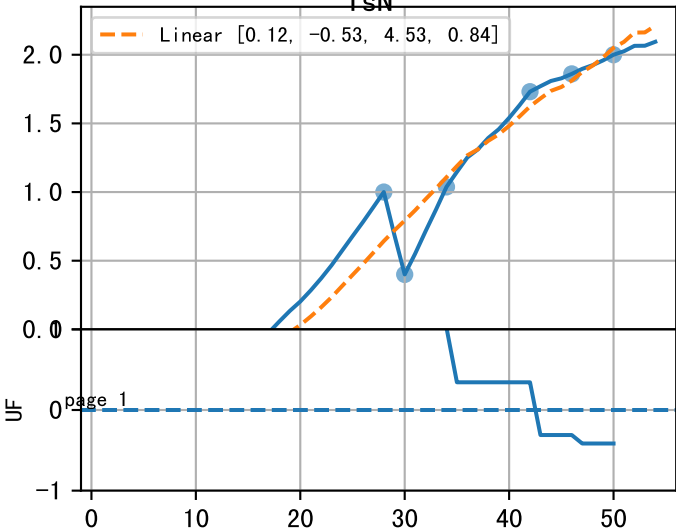


P10AE-114-7



PTUARavg
TSN

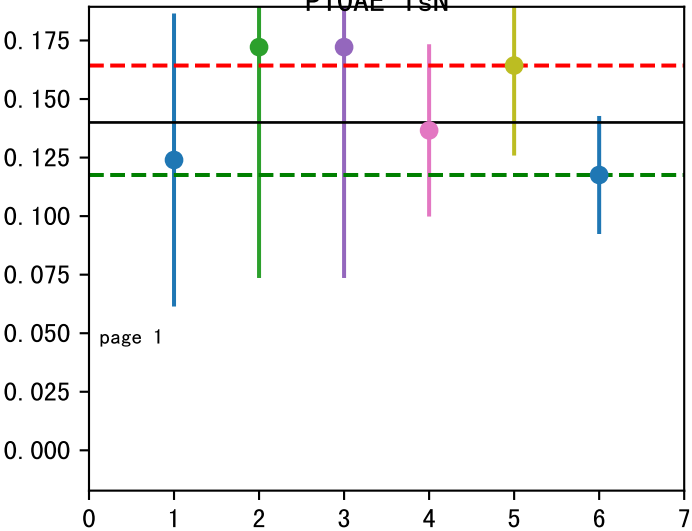
Linear [0.12, -0.53, 4.53, 0.84]



page 1

avg1=0.16 14% avg2=0.12 43%

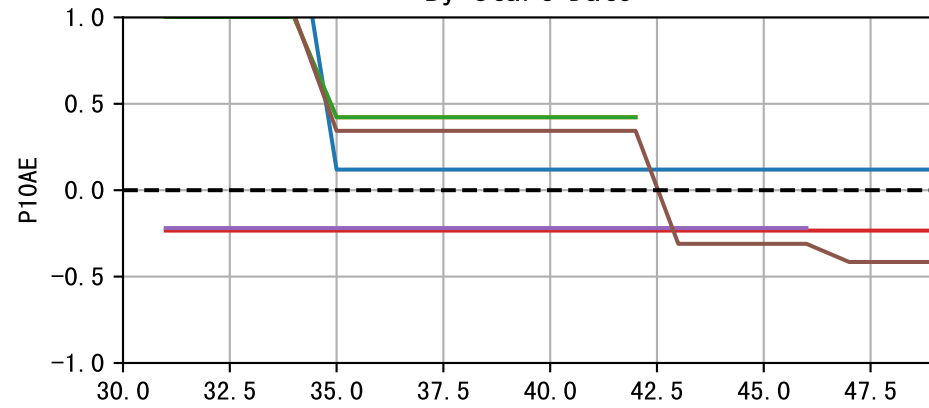
P10AE TSN



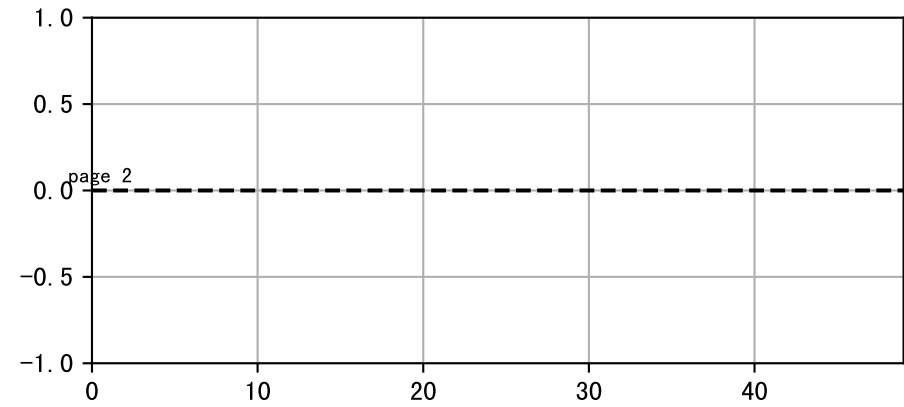
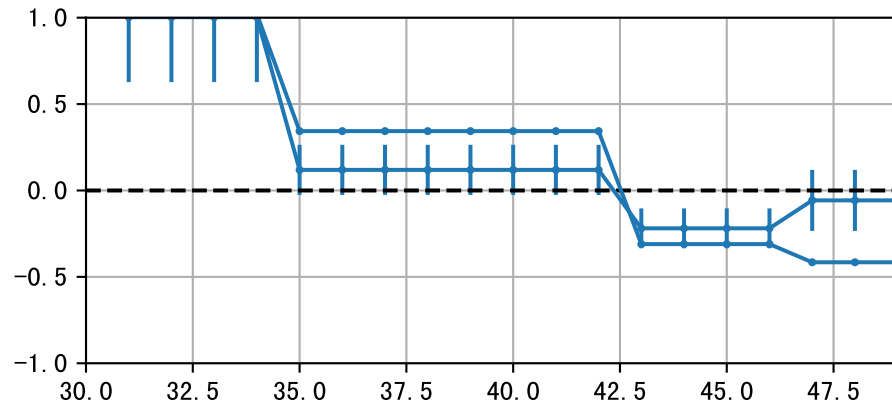
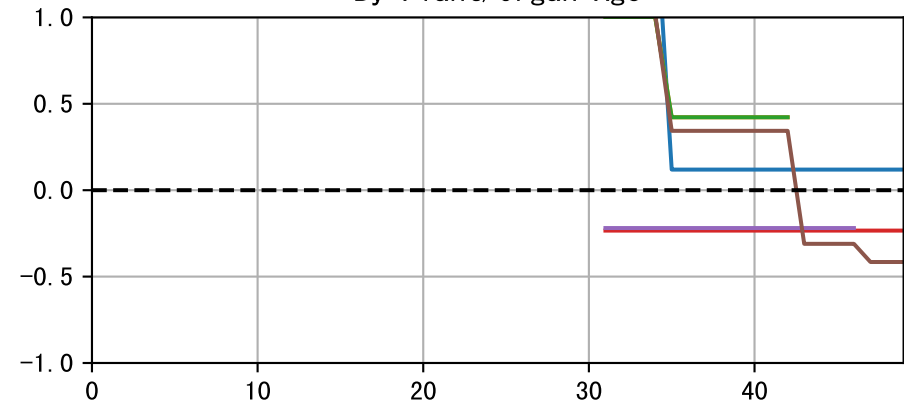
page 1

Object Number

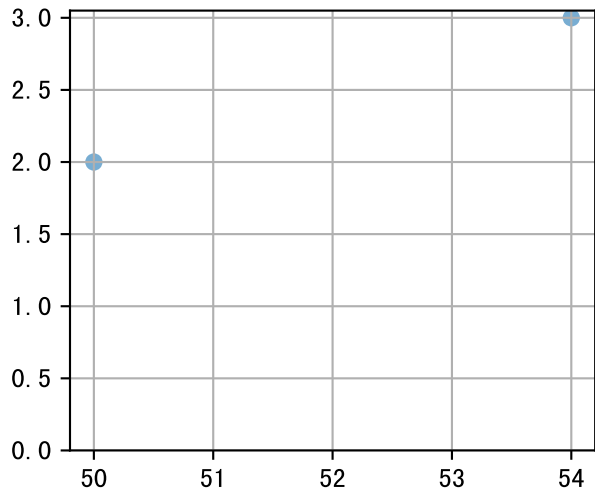
By Start Date



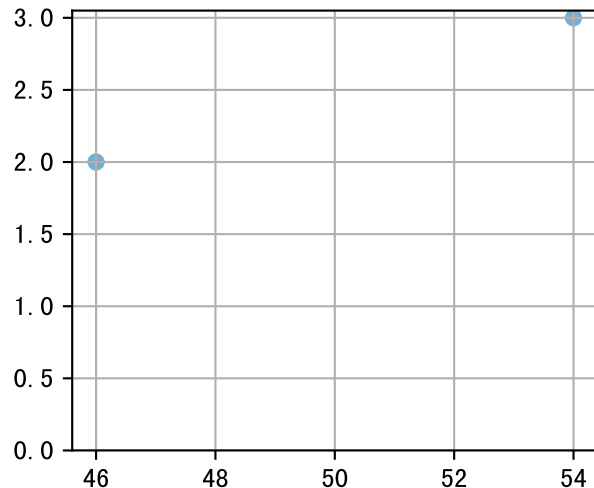
By Plant/Organ Age



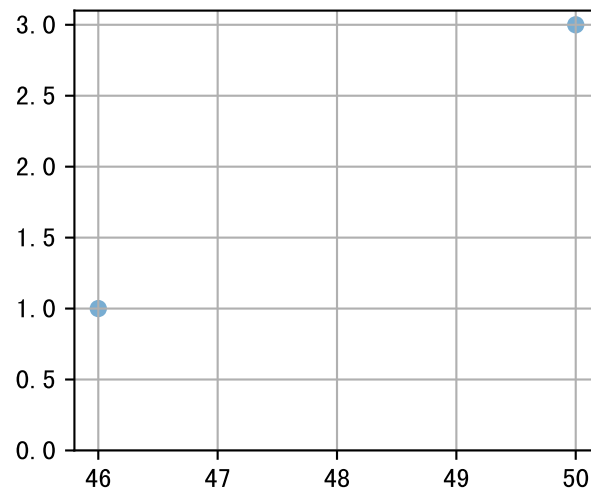
P10AE-081-12T1 (fit failed)



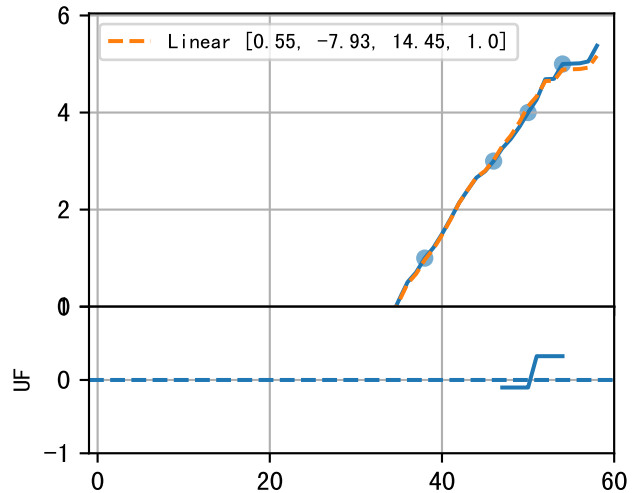
P10AE-087-27T1 (fit failed)



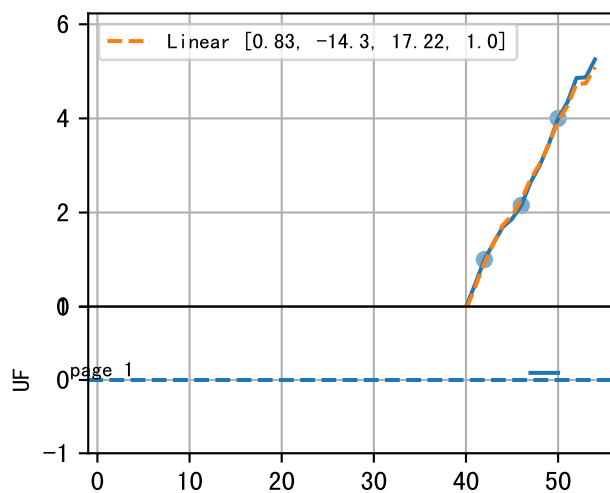
P10AE-095-20T1 (fit failed)

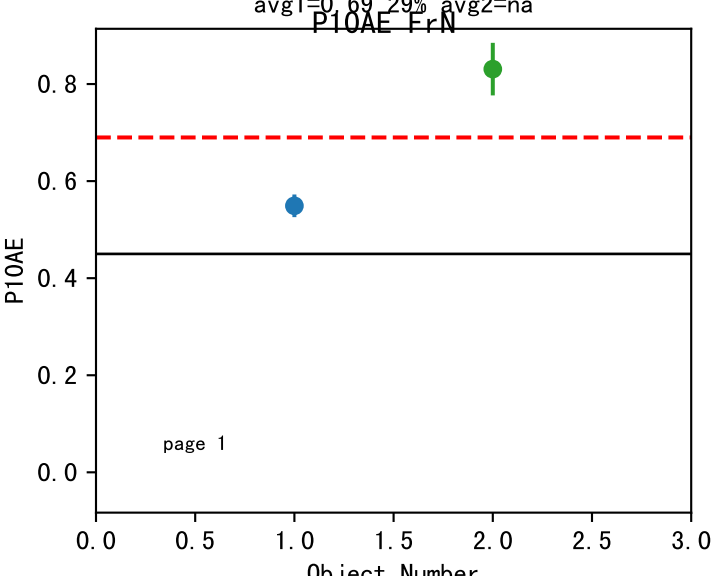


P10AE-103-32T1

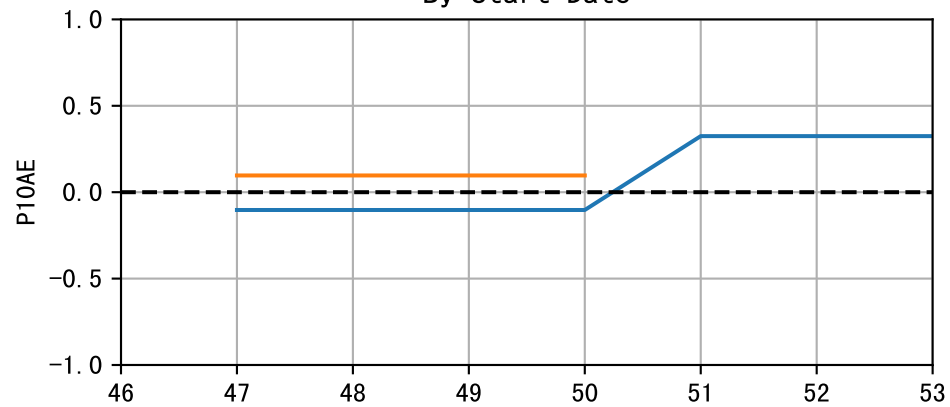


P10AE-114-7T1

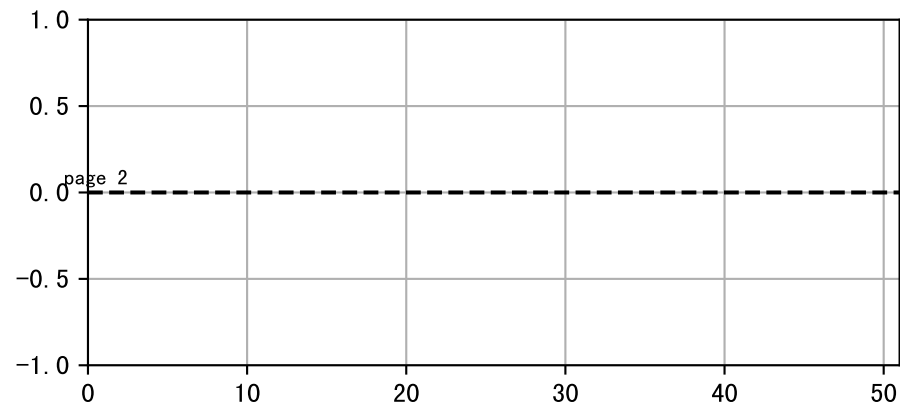
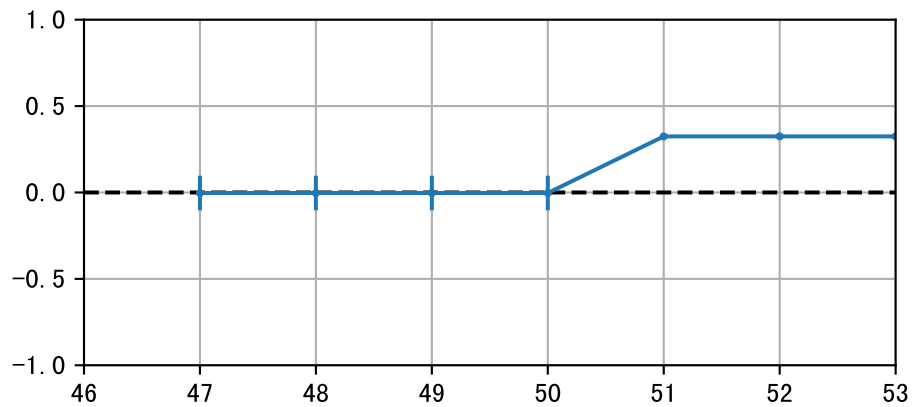
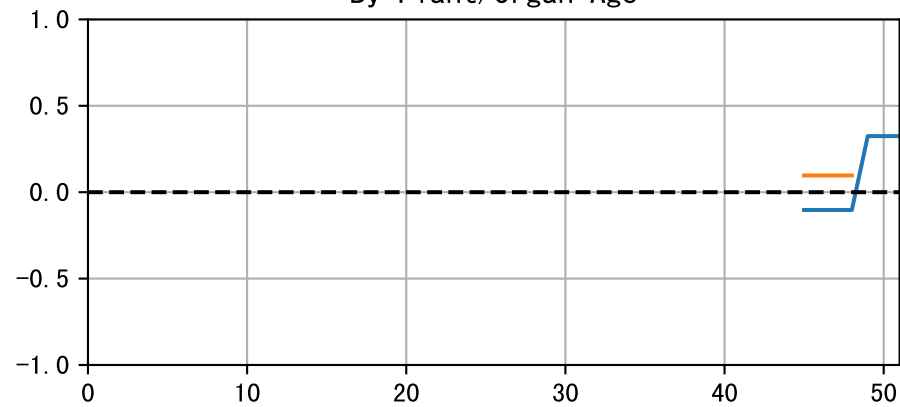


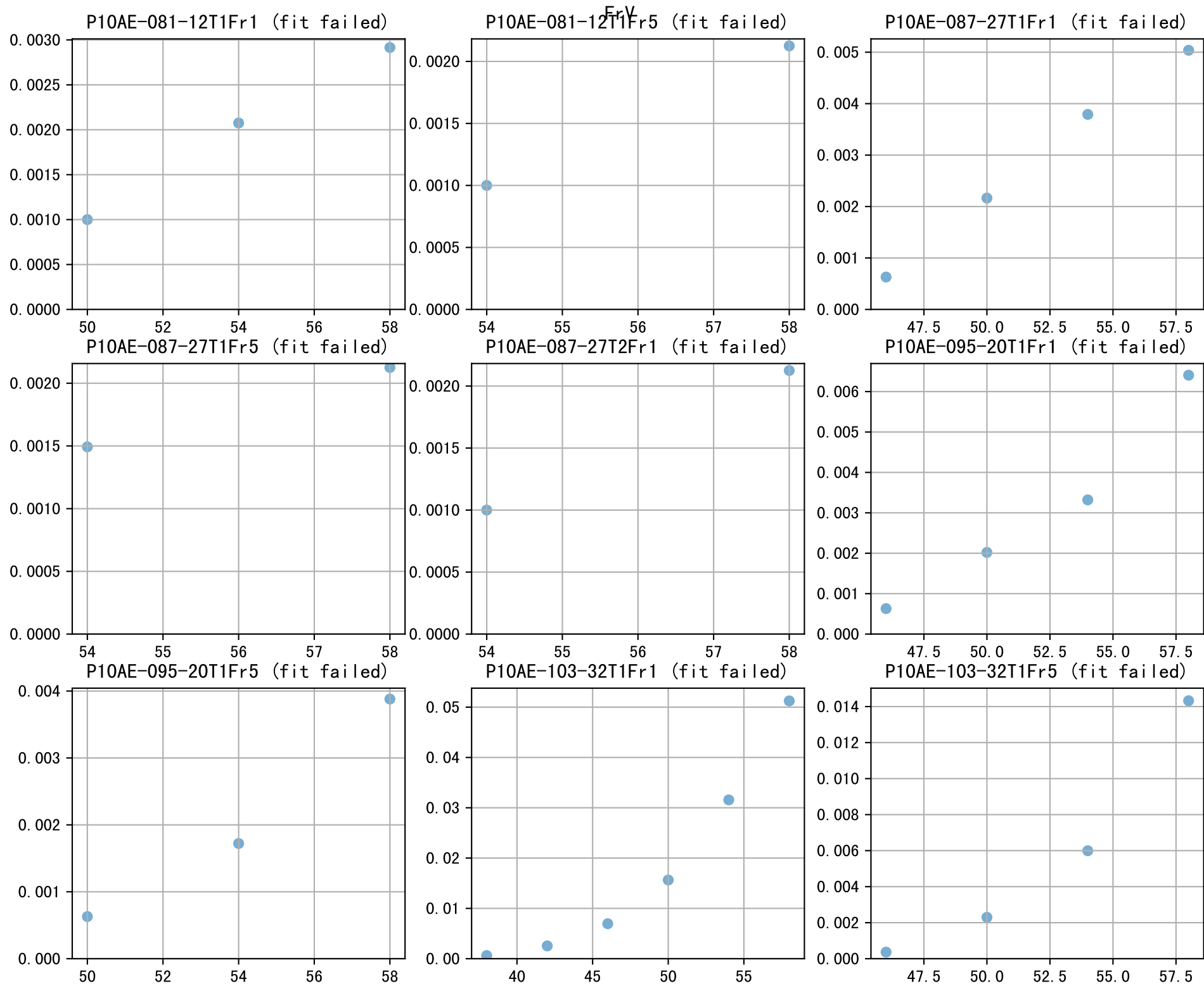


By Start Date

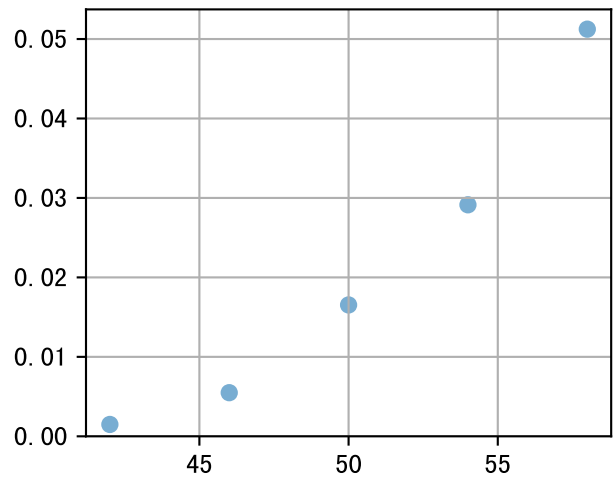


By Plant/Organ Age

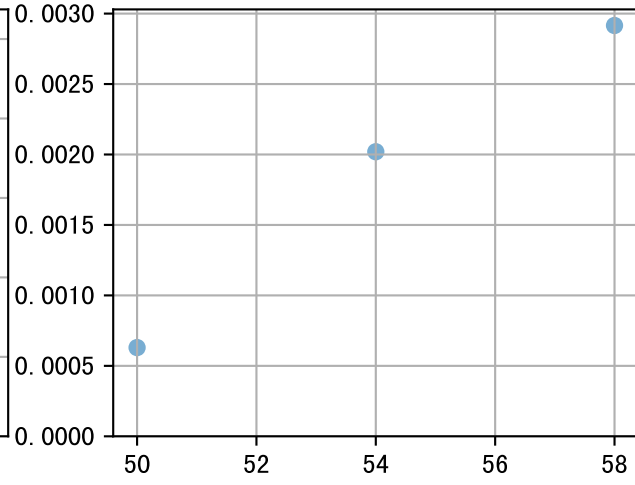




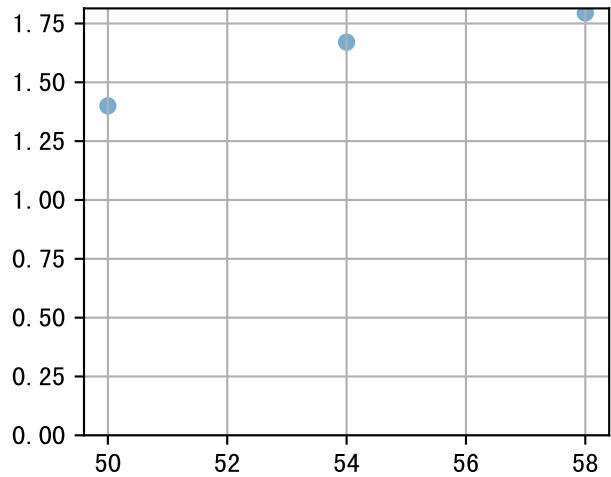
P10AE-114-7T1Fr1 (fit failed)



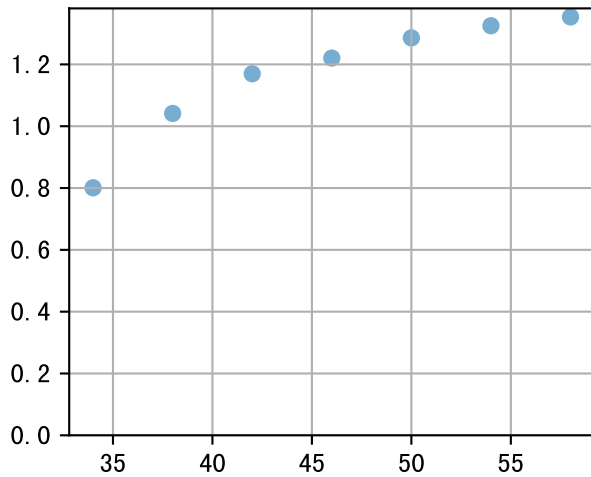
P10AE-114-7T1Fr5 (fit failed)



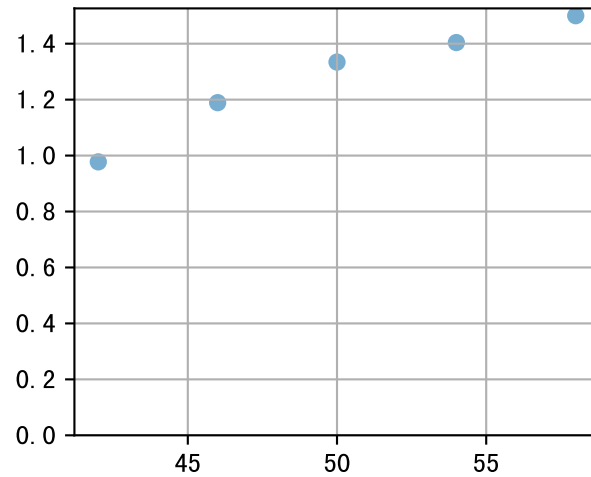
P10AE-081-12L10 (fit failed)



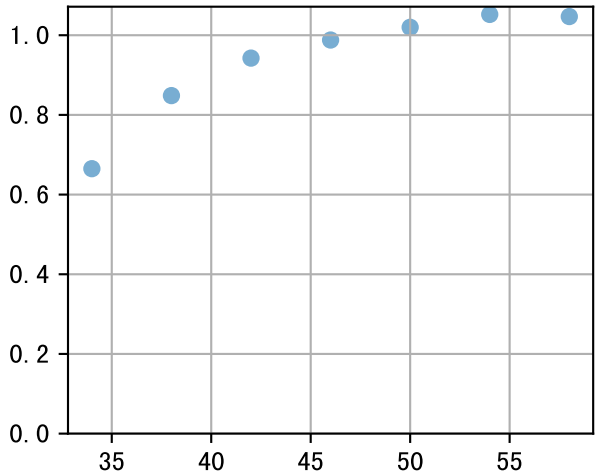
P10AE-081-12L7 (fit failed)



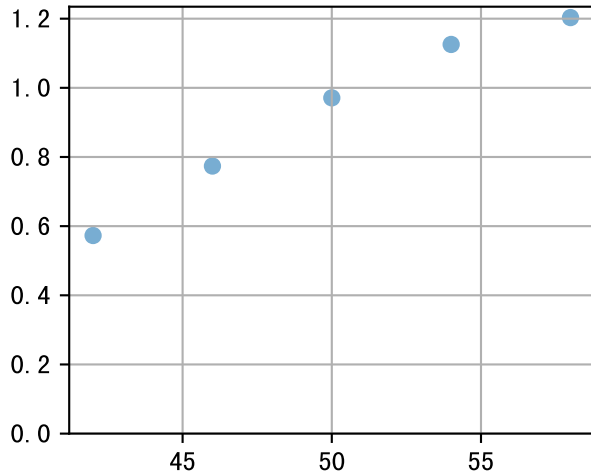
P10AE-087-27L11 (fit failed)



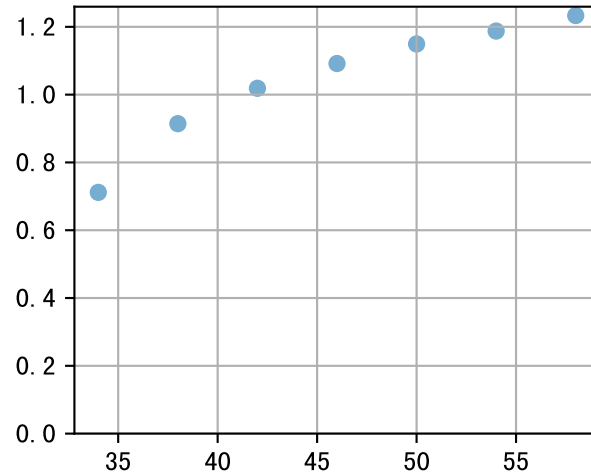
P10AE-087-27L8 (fit failed)



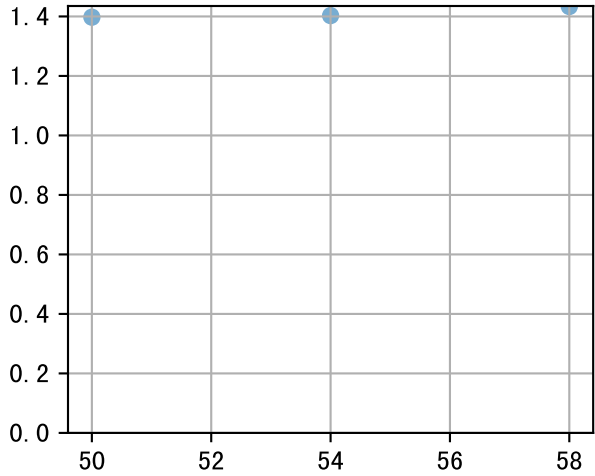
P10AE-095-20L10 (fit failed)



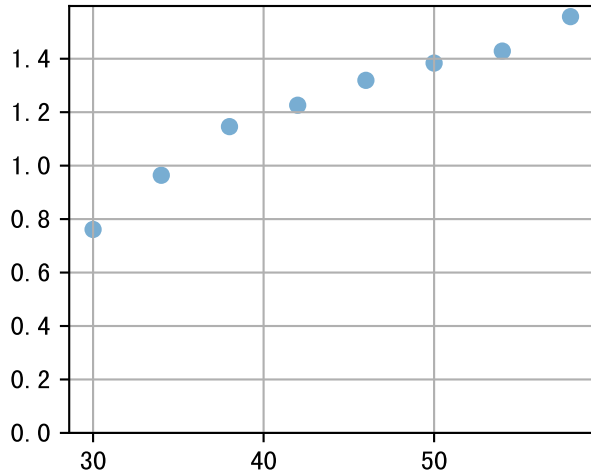
P10AE-095-20L7 (fit failed)



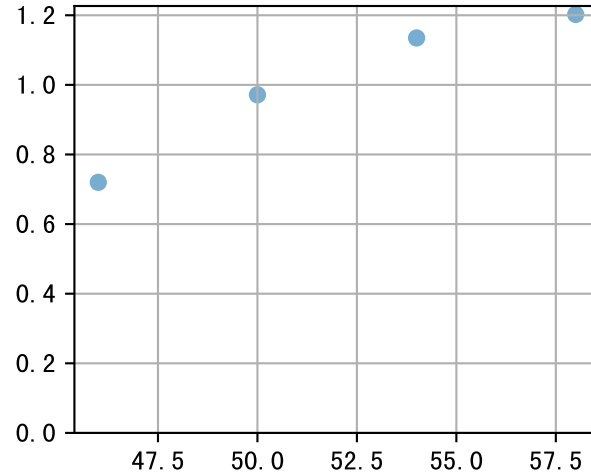
P10AE-103-32L10 (fit failed)



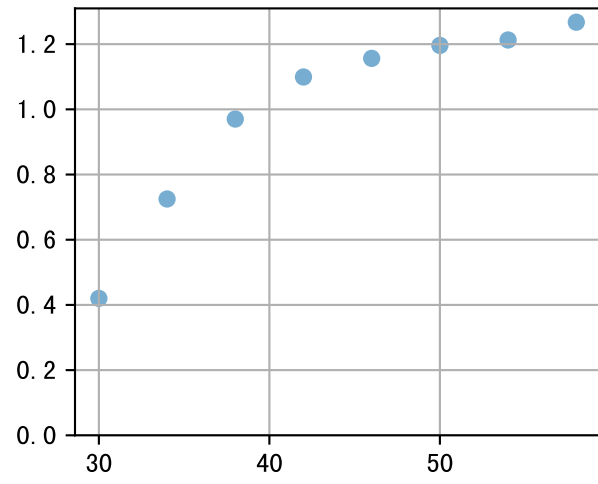
P10AE-103-32L7 (fit failed)



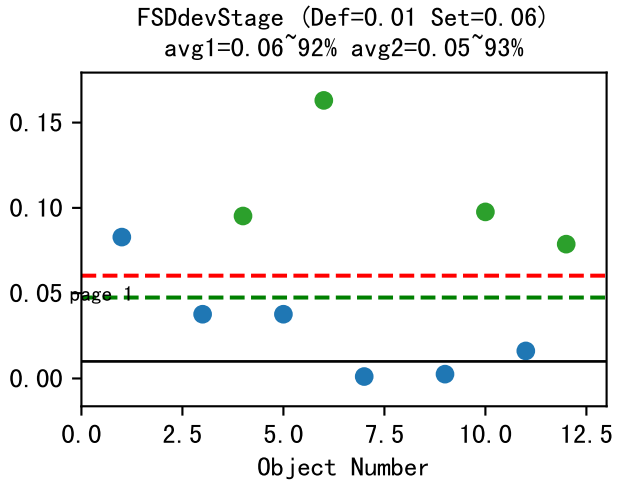
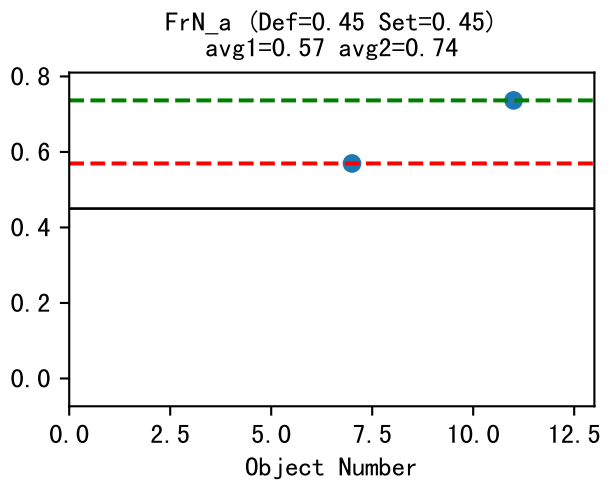
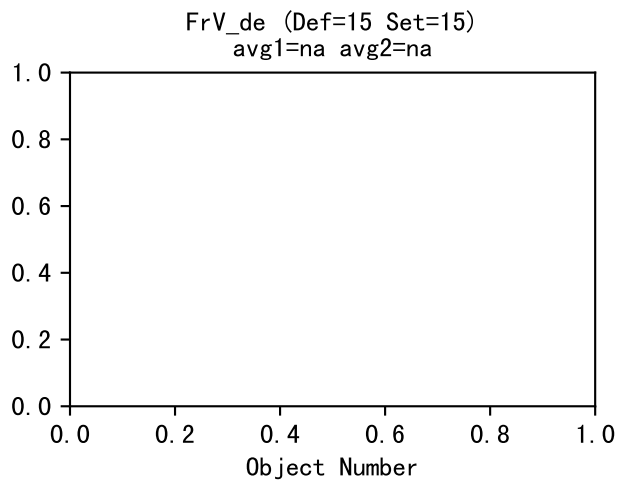
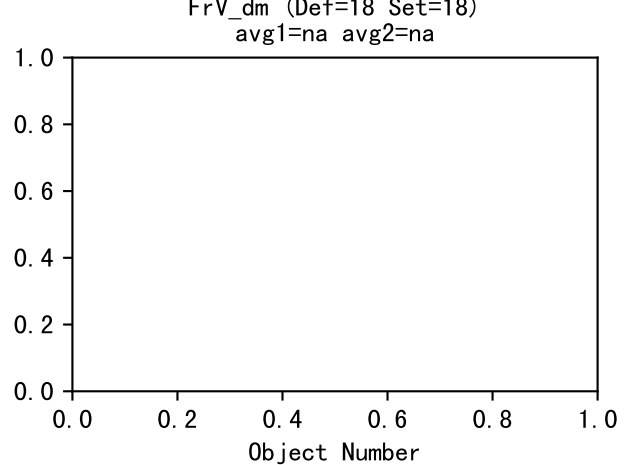
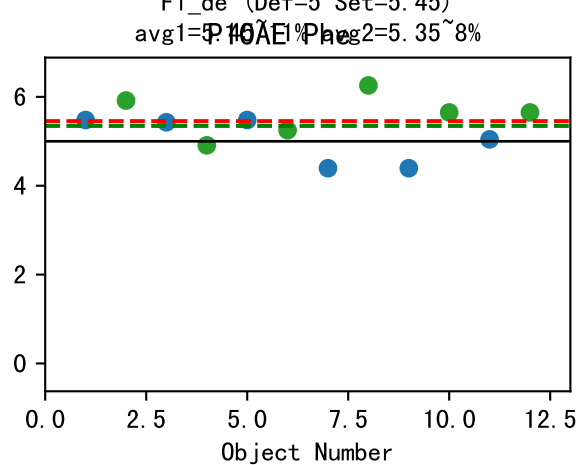
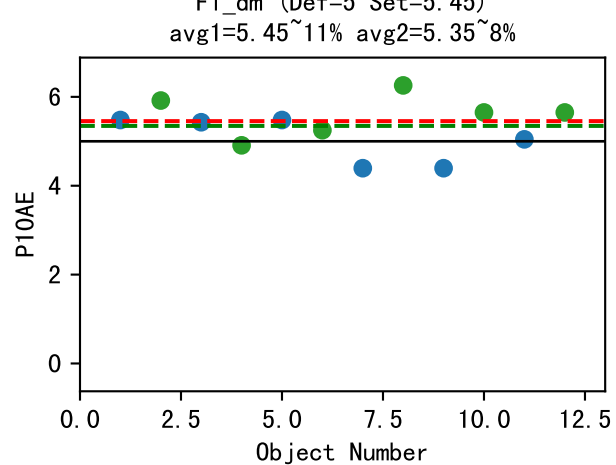
P10AE-114-7L10 (fit failed)



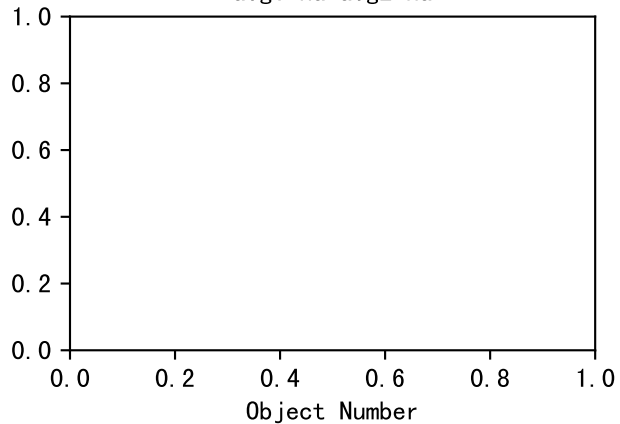
P10AE-114-7L7 (fit failed)



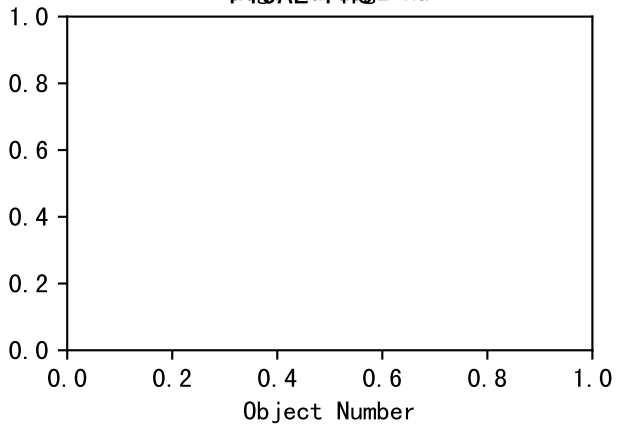
LfA



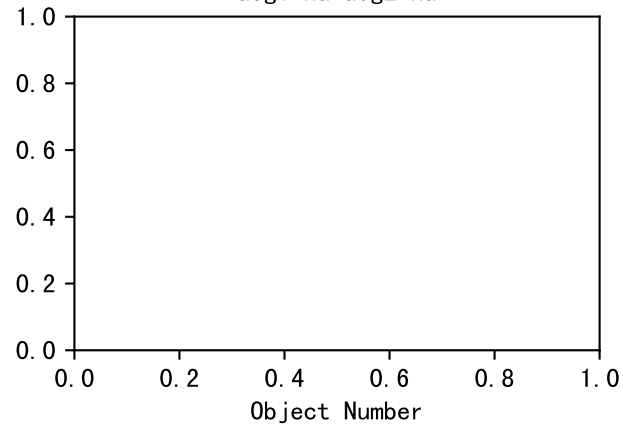
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



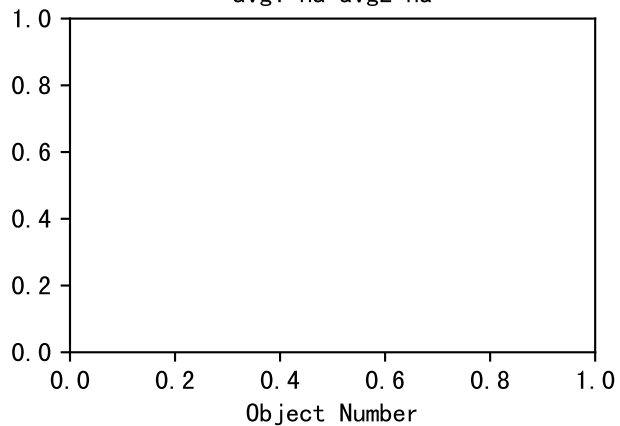
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



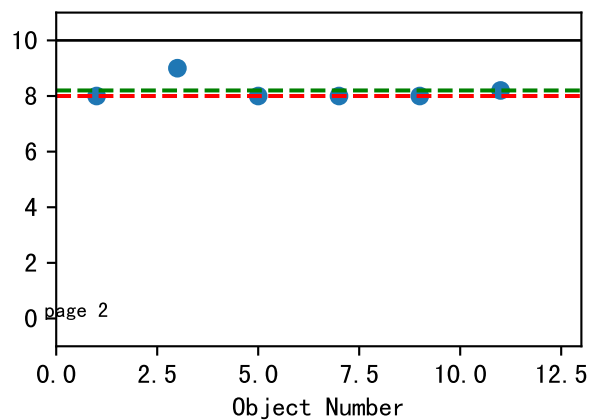
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



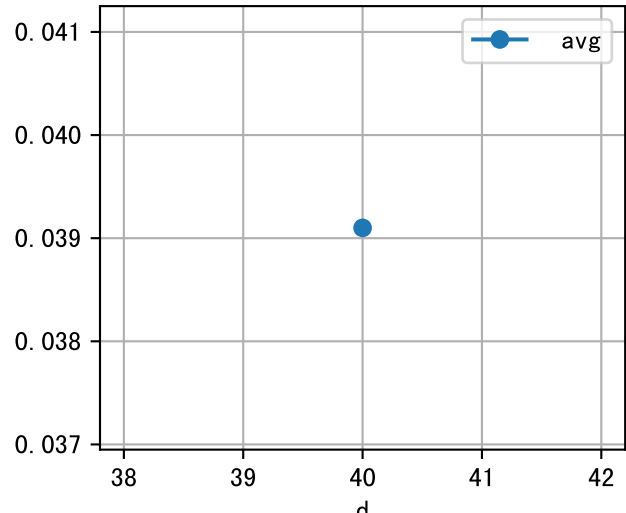
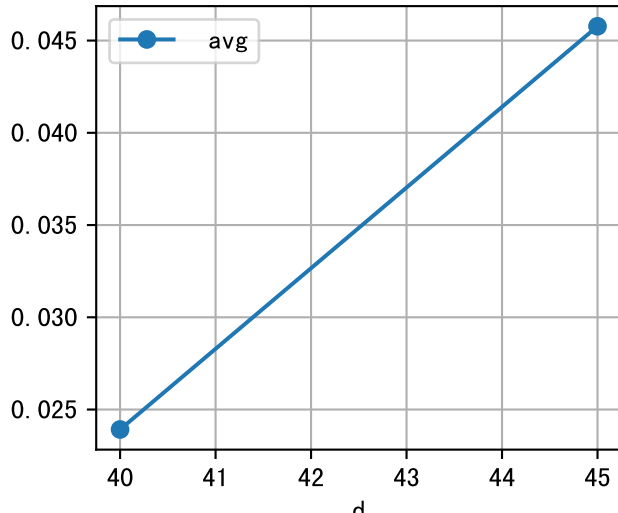
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



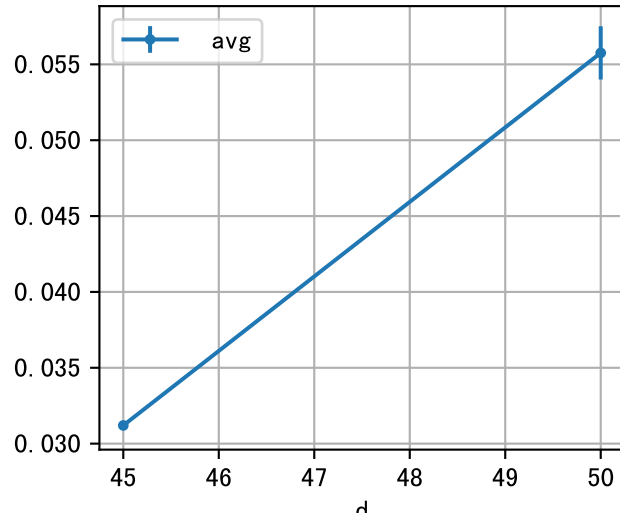
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



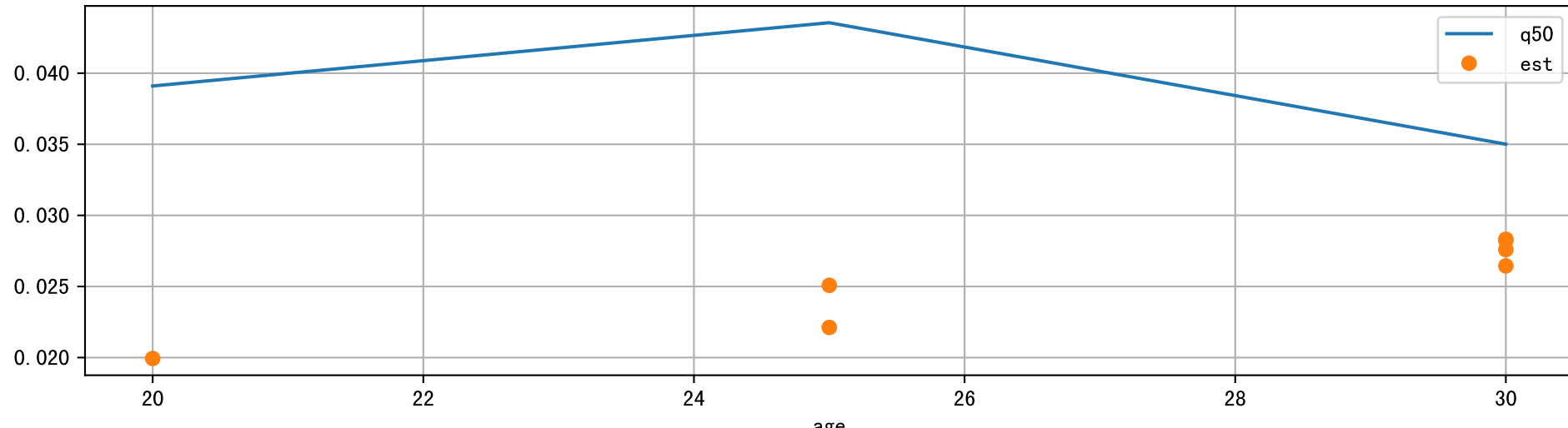
age=20

LfA: avg vs. d at each age group
age=25

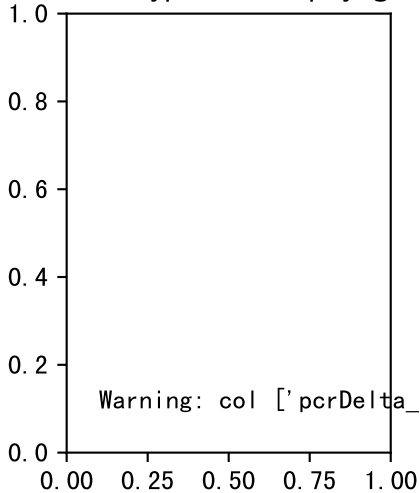
age=30



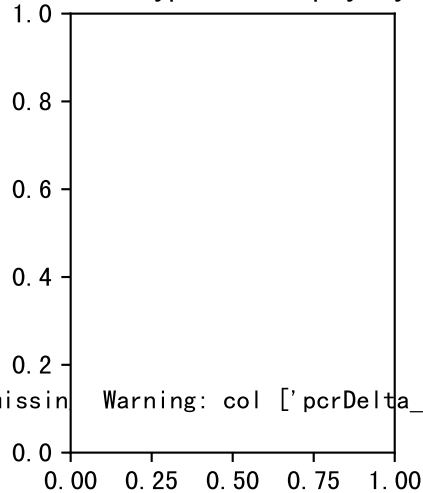
LfA: model est vs obs0v@Q50



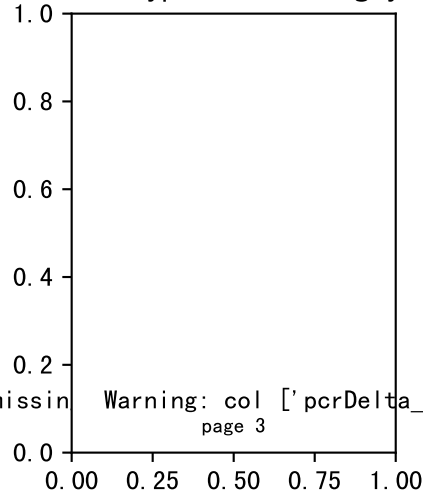
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

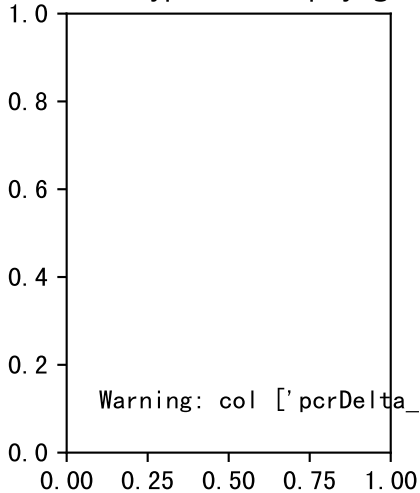


DeltaTypeAbbr=WeiAvgByD

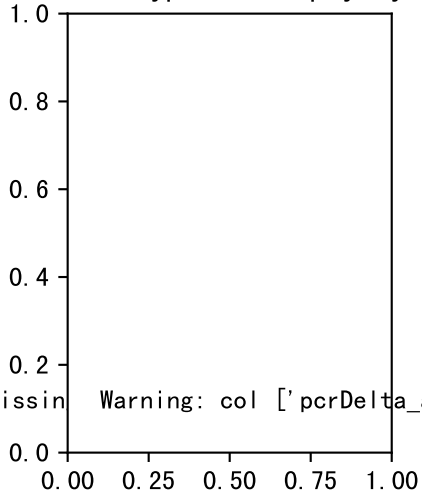


P10AE LfA: D_15d_LfA

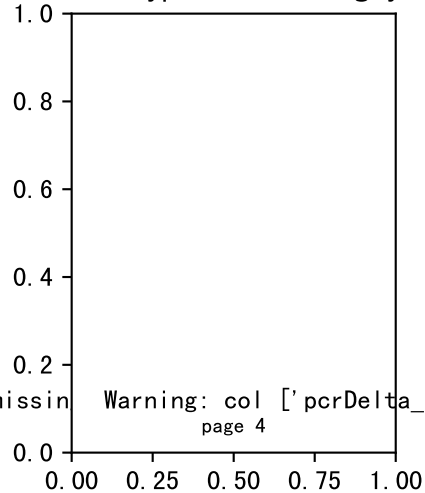
DeltaTypeAbbr=GrpByAge



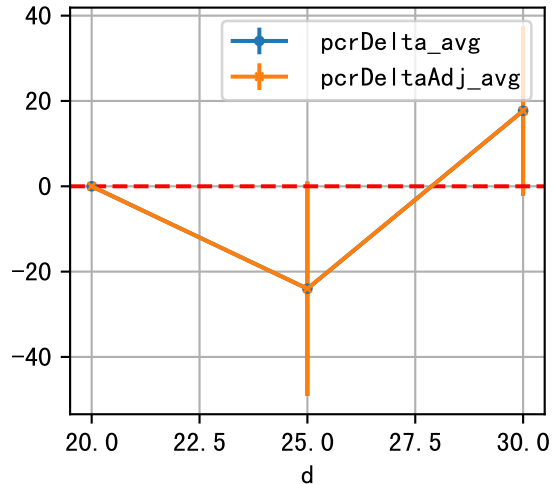
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

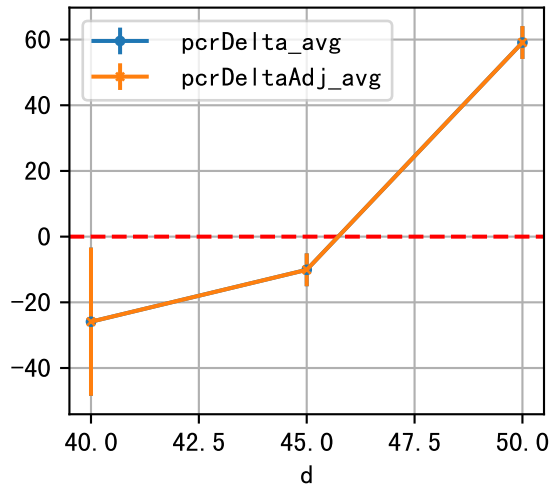


DeltaTypeAbbr=GrpByAge

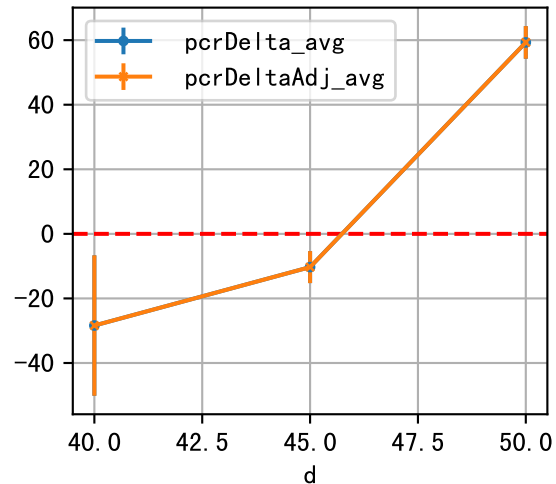


P10AE LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByDay

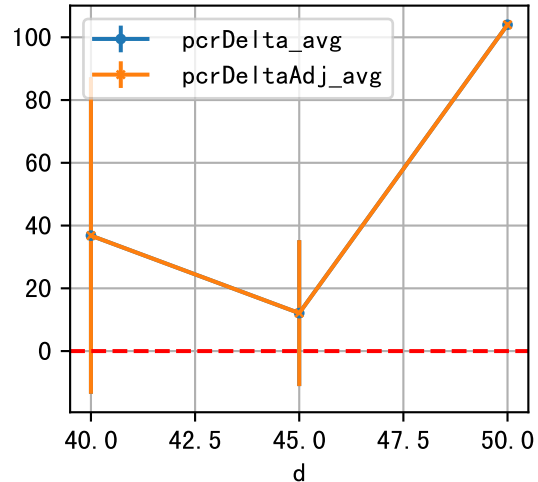


DeltaTypeAbbr=Wei AvgByD

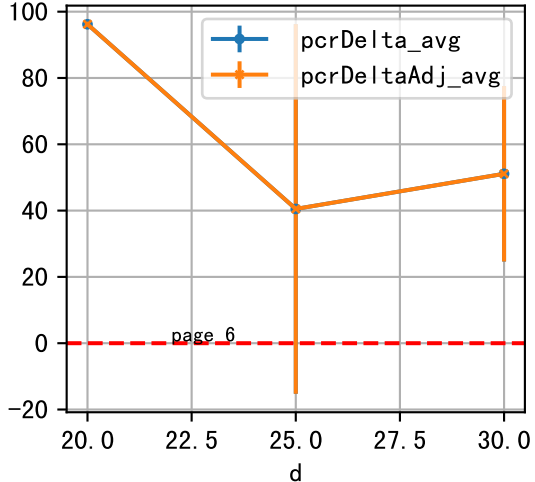


P10AE LfA: D_Est_LfA

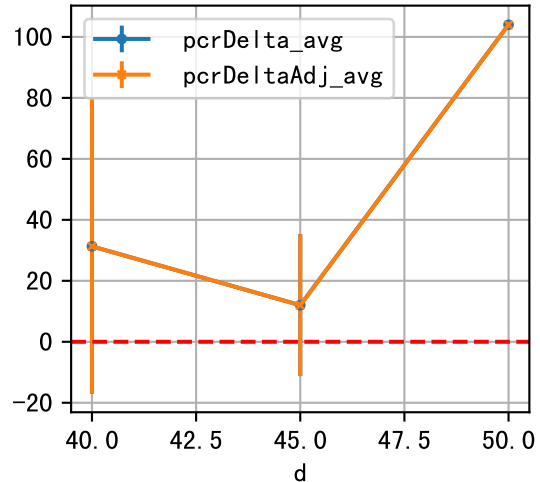
DeltaTypeAbbr=GrpByDay



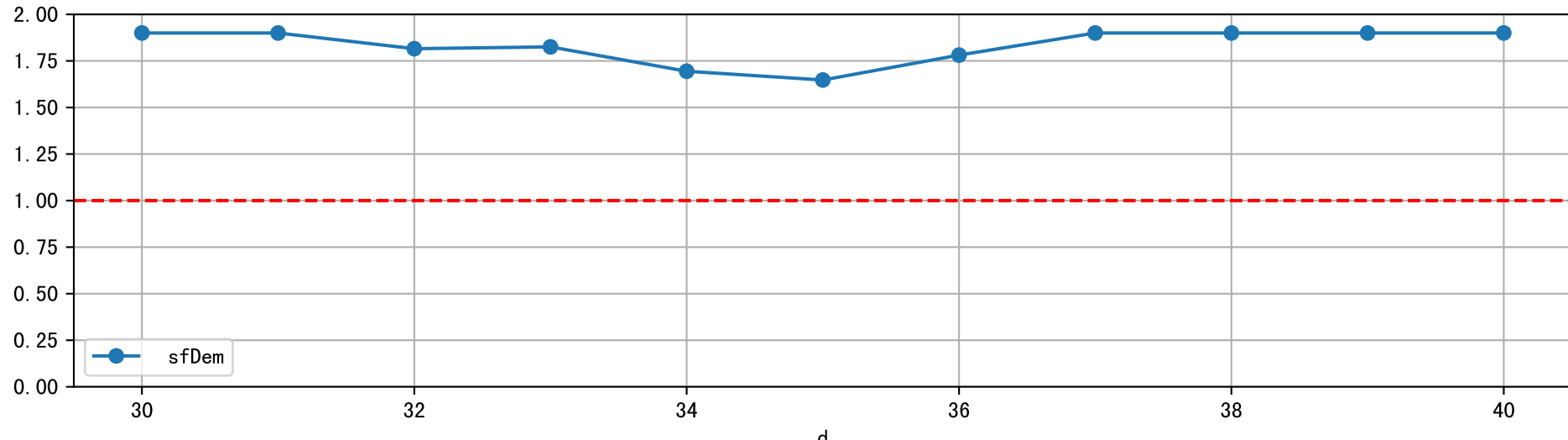
DeltaTypeAbbr=GrpByAge



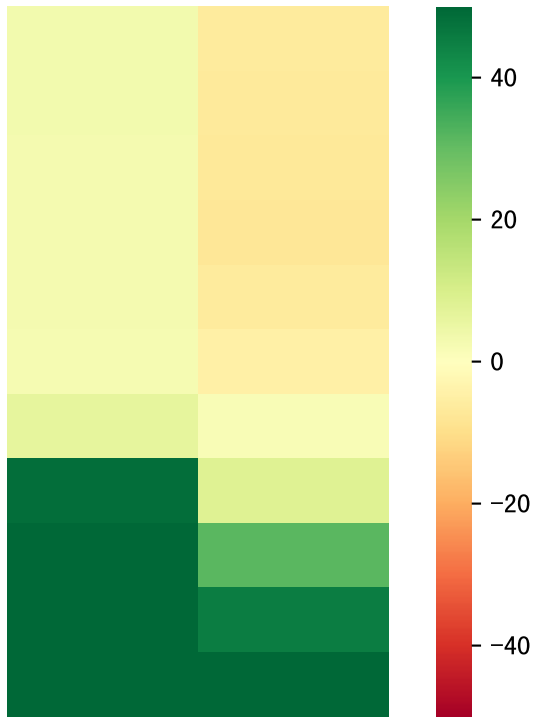
DeltaTypeAbbr=Wei AvgByD



LfA: sfDem

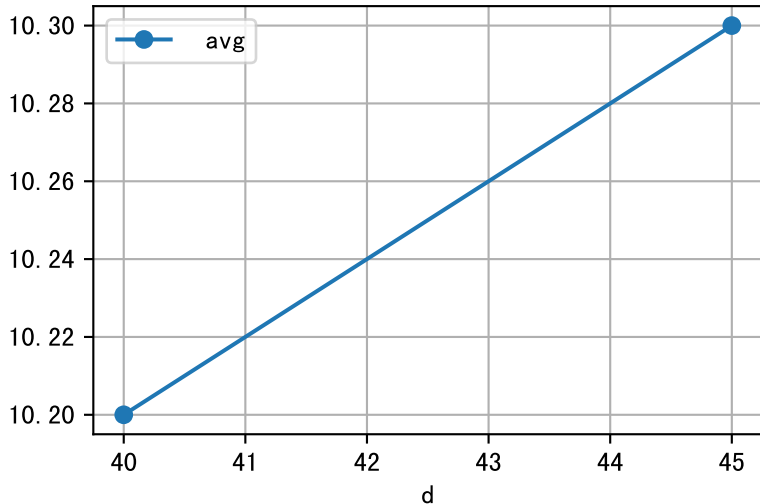


40 -
41 -
42 -
43 -
44 -
45 -
46 -
47 -
48 -
49 -
50 -

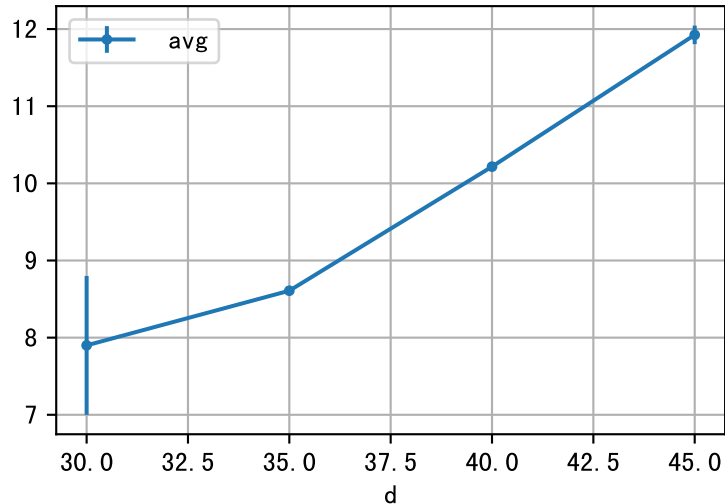


NdD: avg vs. d at each age group

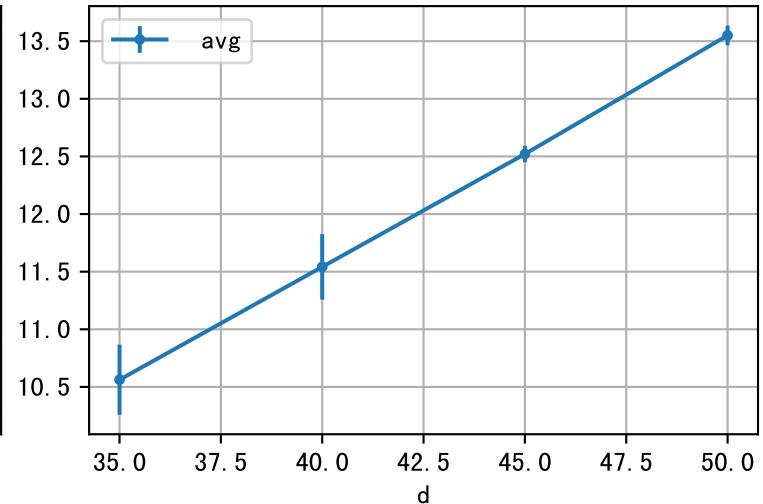
age=20



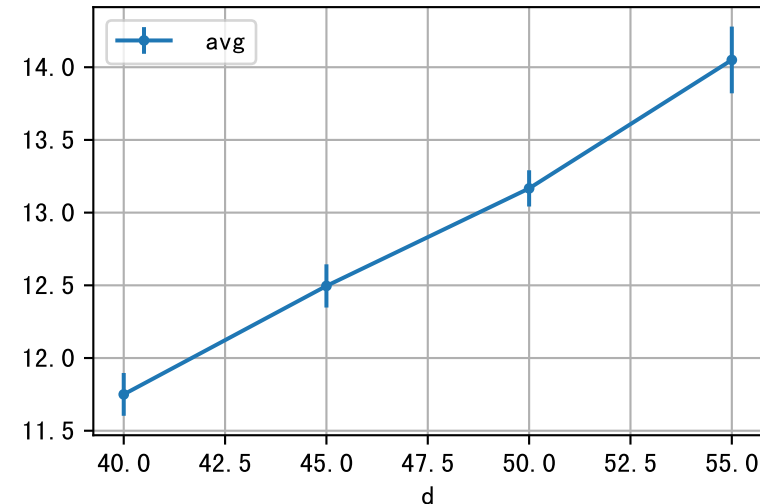
age=25



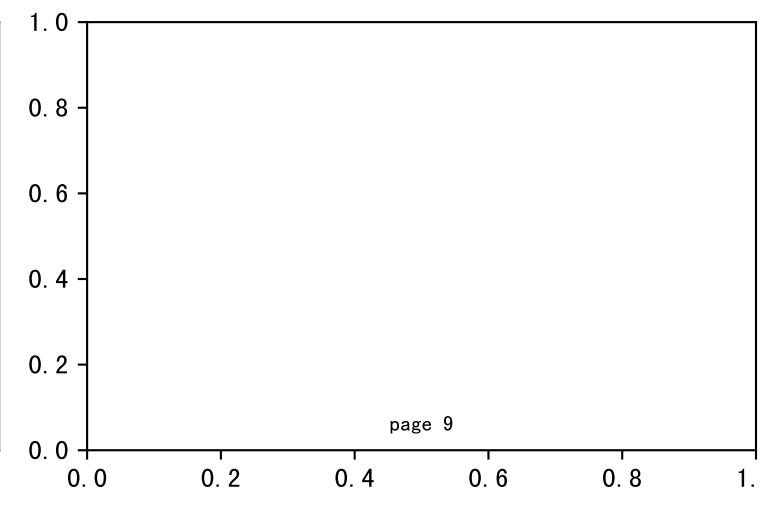
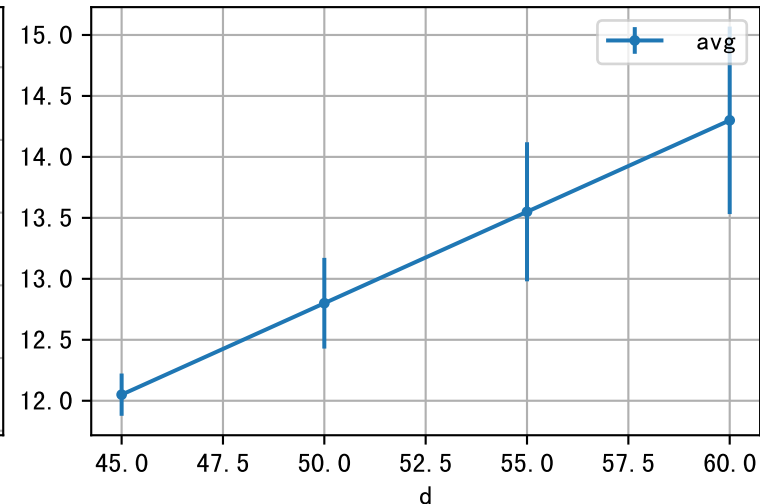
age=30



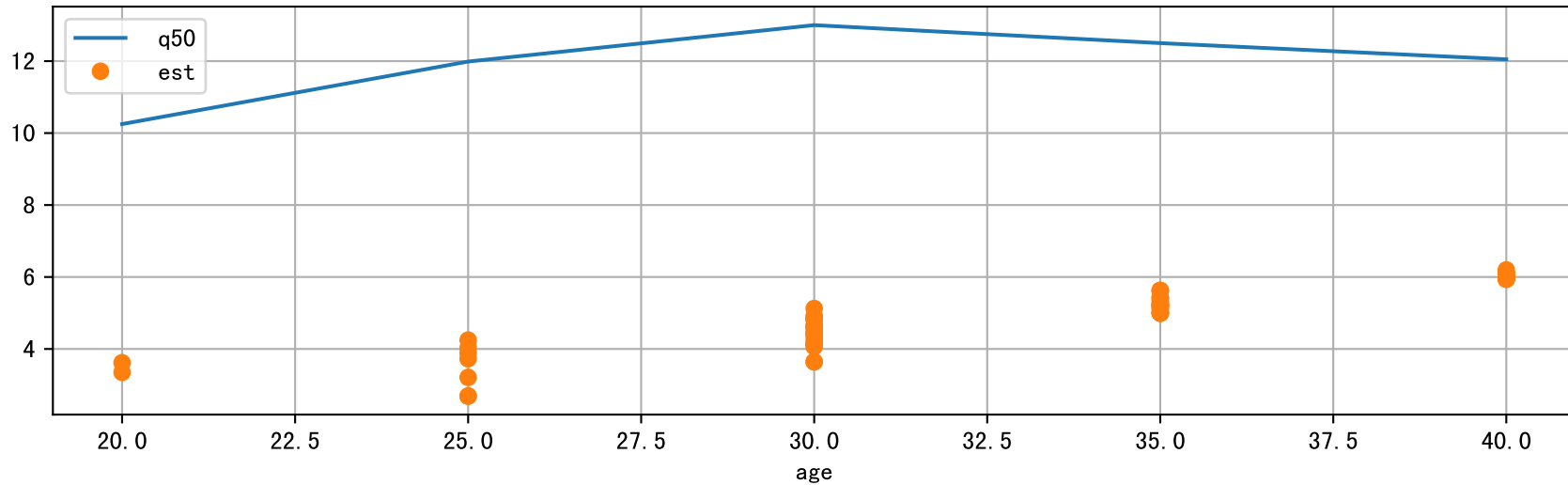
age=35



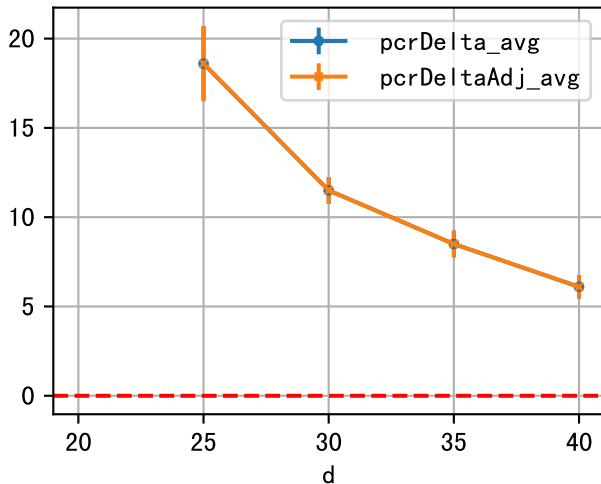
age=40



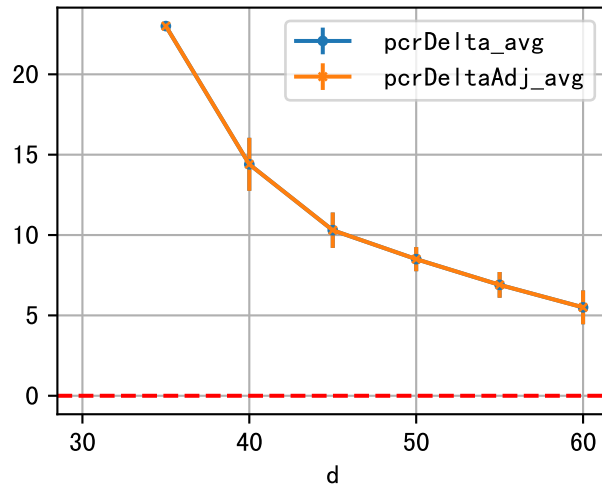
NdD: model est vs obs0v@Q50



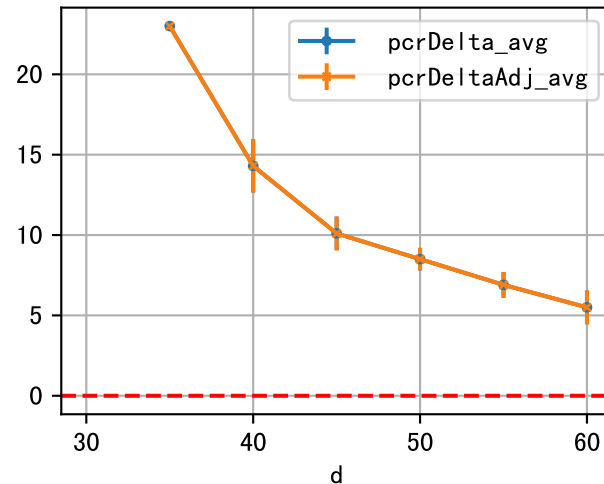
DeltaTypeAbbr=GrpByAge



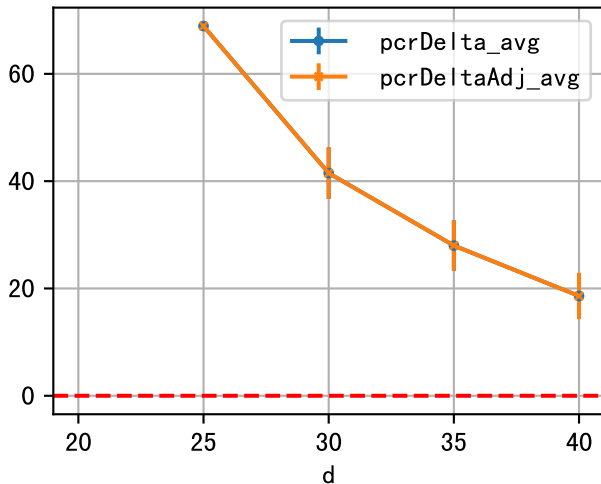
DeltaTypeAbbr=GrpByDay



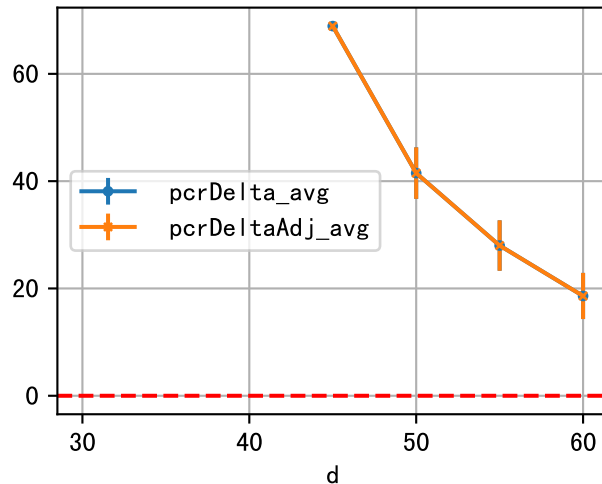
DeltaTypeAbbr=Wei AvgByD



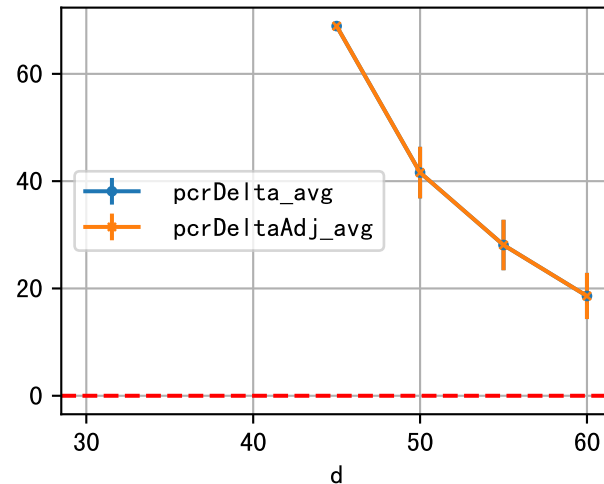
DeltaTypeAbbr=GrpByAge



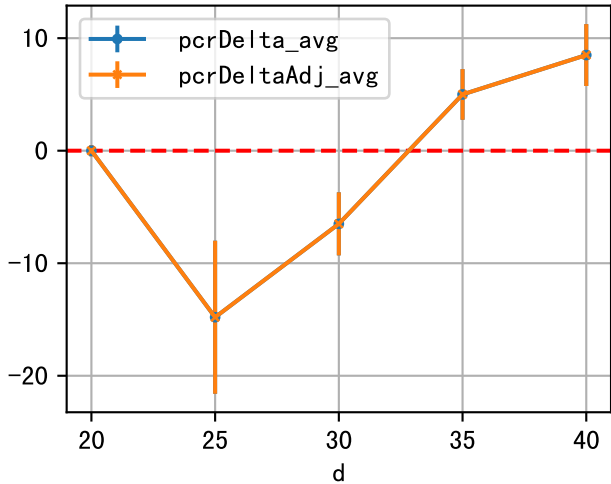
DeltaTypeAbbr=GrpByDay



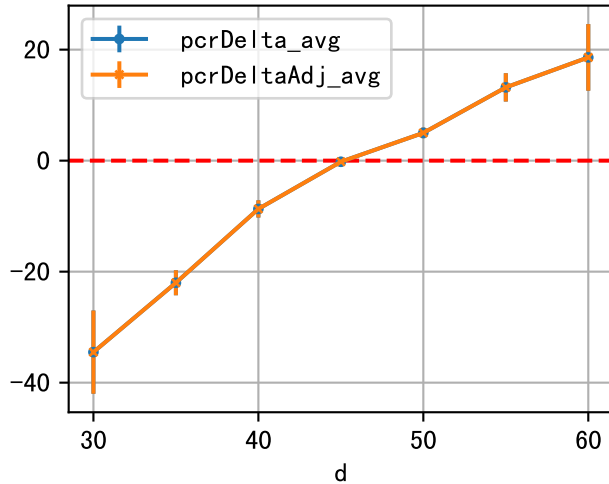
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

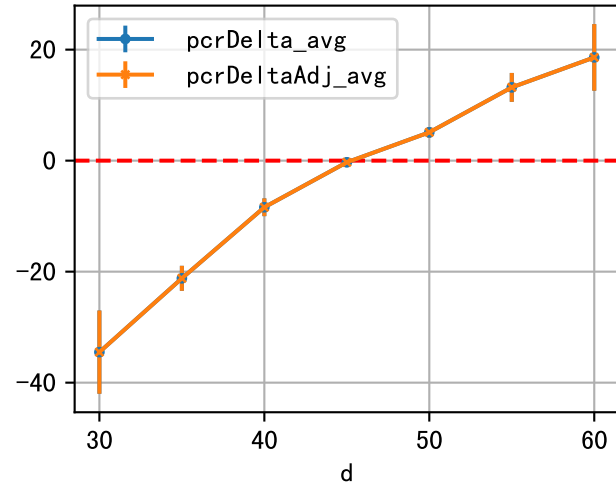


DeltaTypeAbbr=GrpByDay

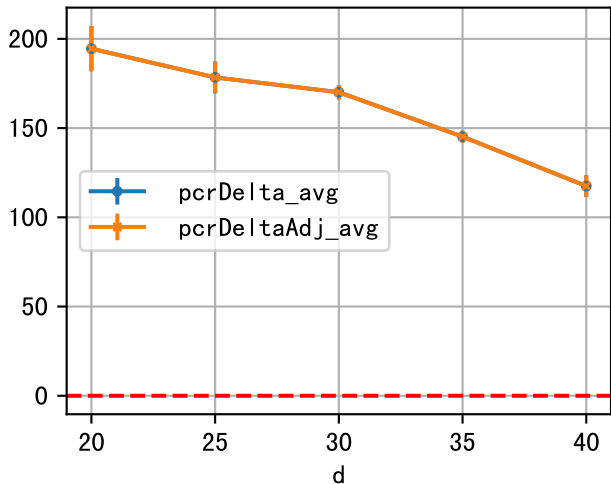


page 13

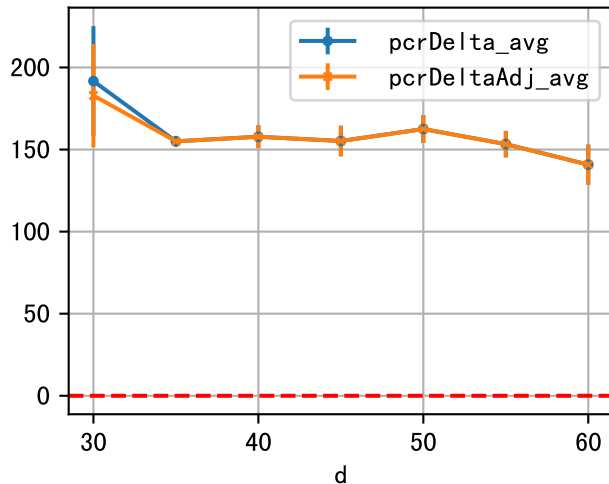
DeltaTypeAbbr=Wei AvgByD



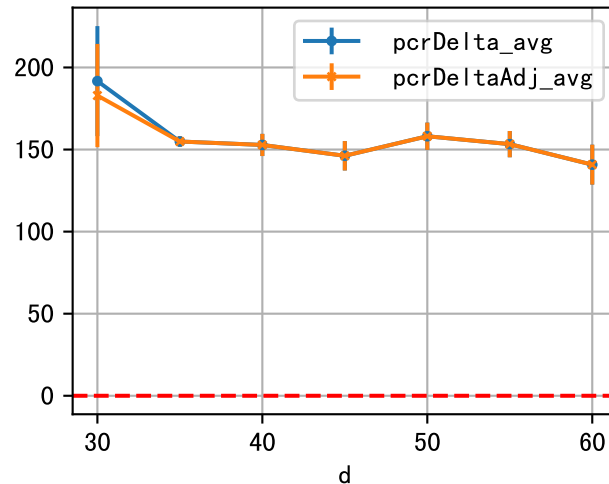
DeltaTypeAbbr=GrpByAge



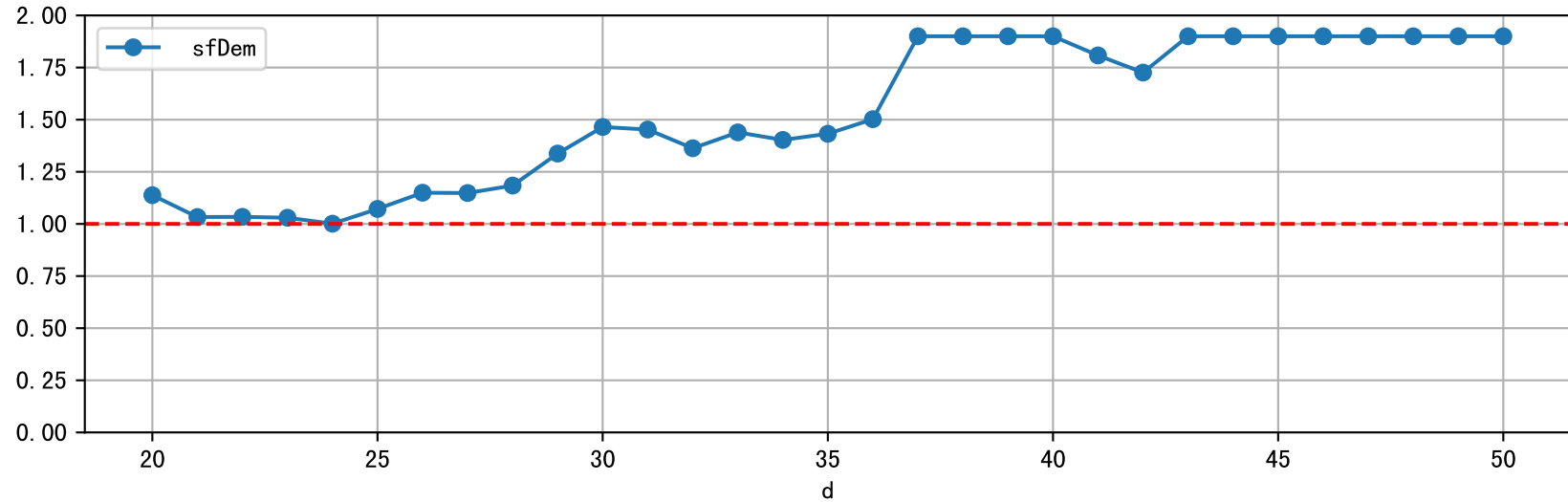
DeltaTypeAbbr=GrpByDay

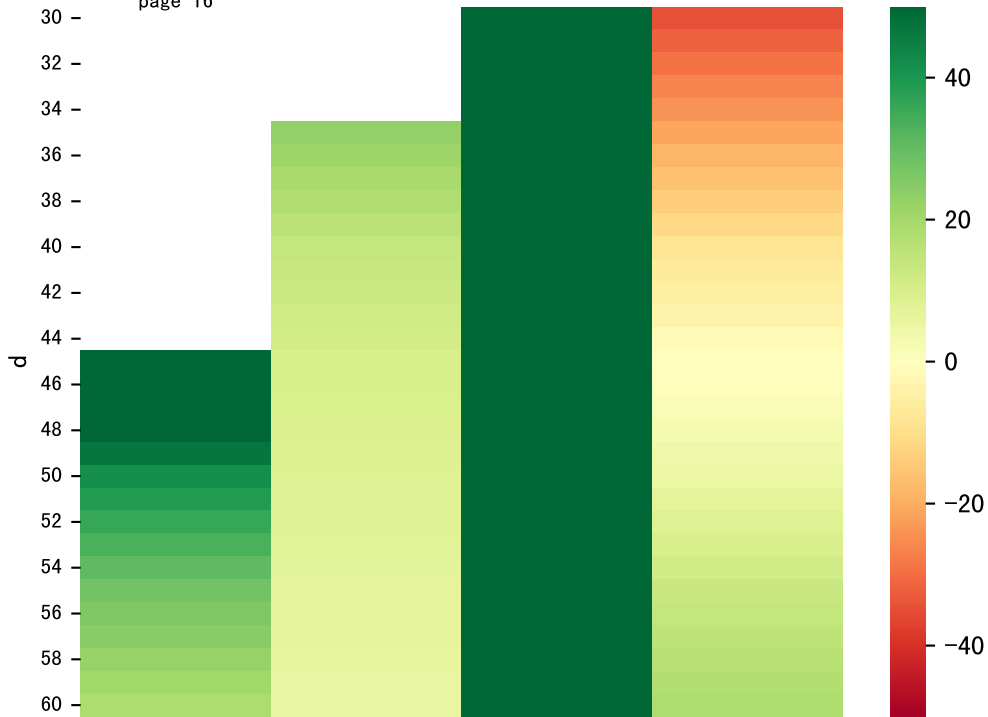


DeltaTypeAbbr=Wei AvgByD

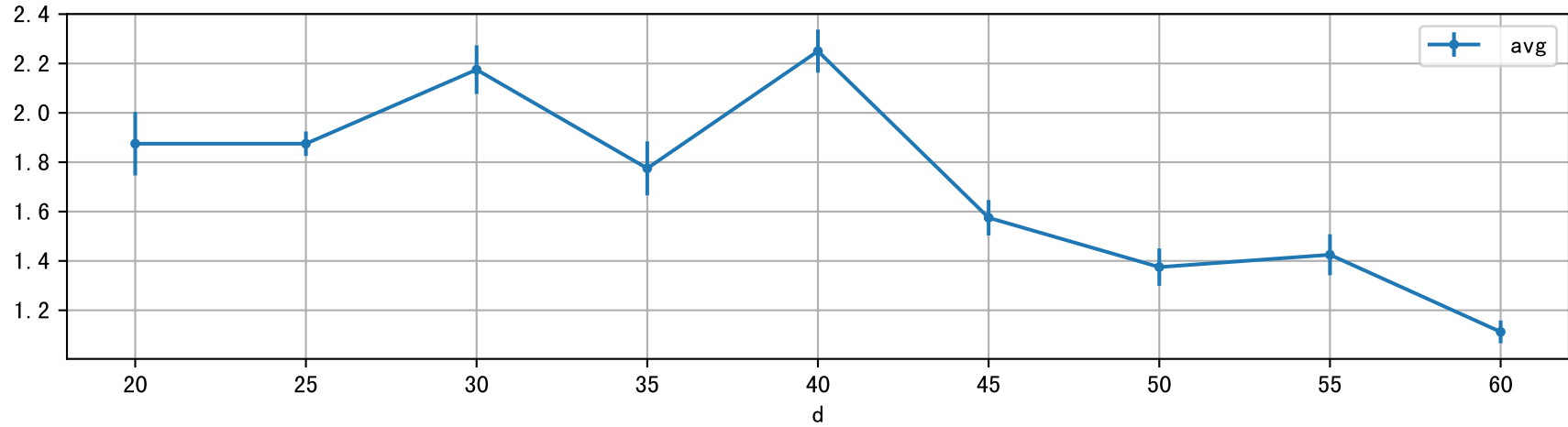


NdD: sfDem

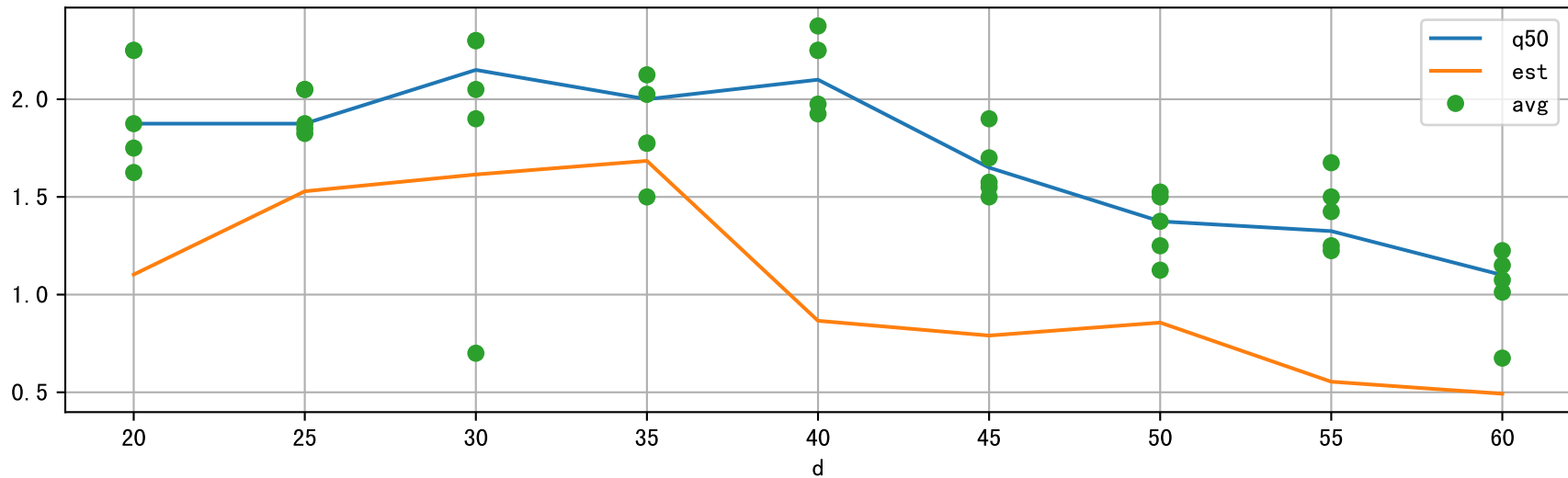




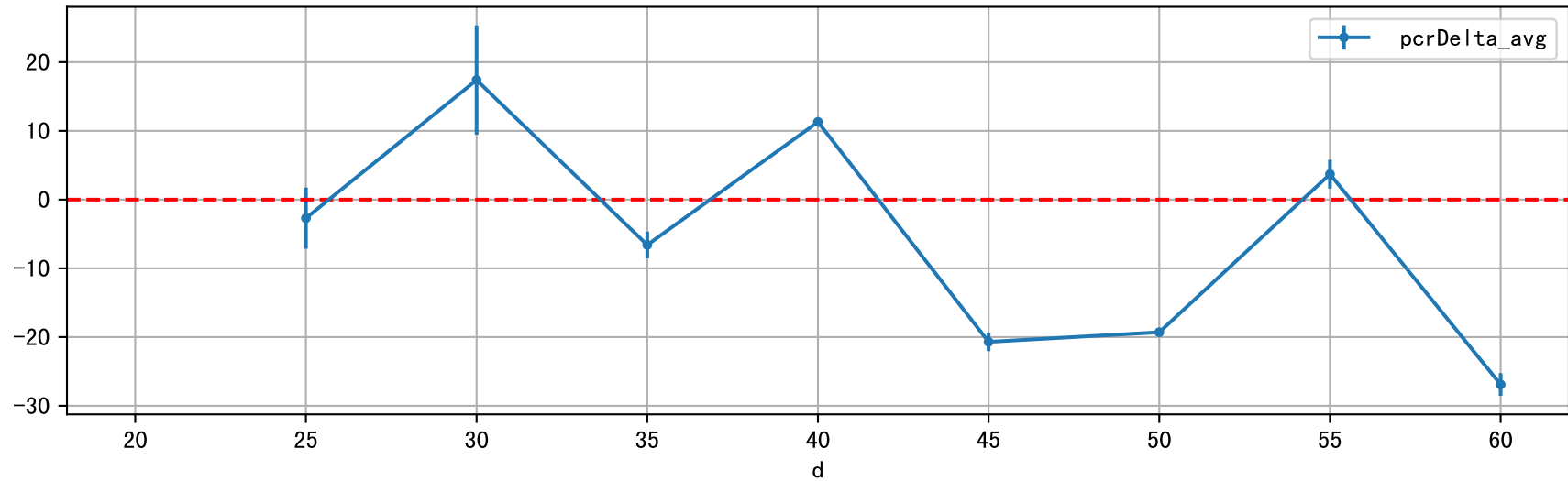
dStH: avg vs. d



dStH: obsAvg vs obs0v@Q50

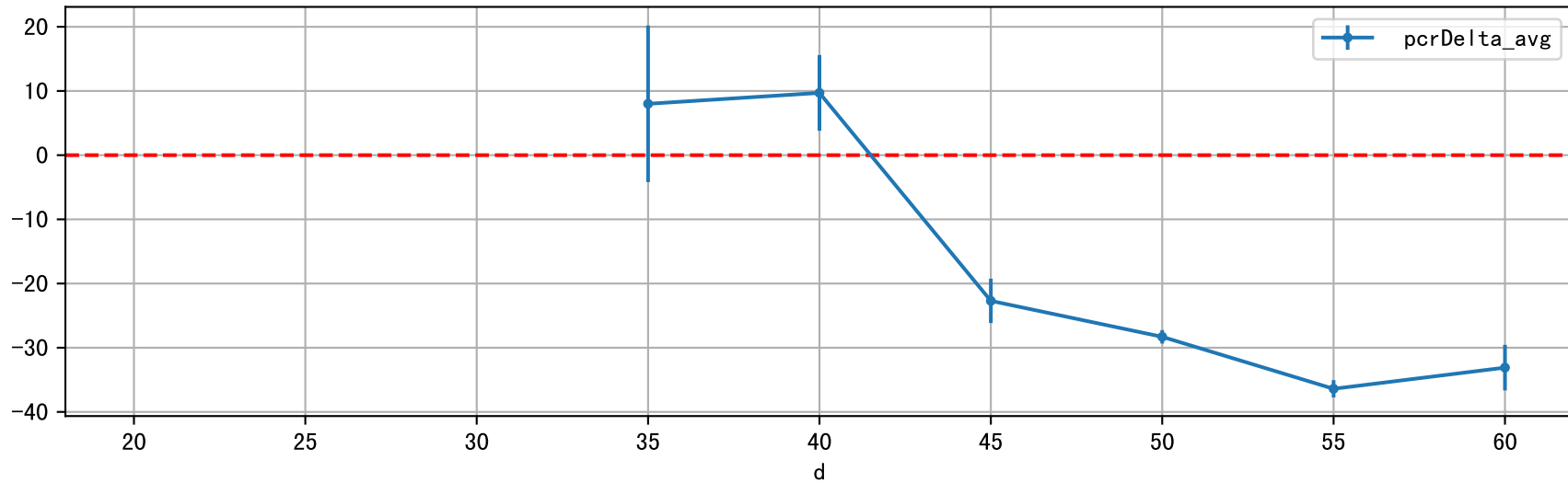


dStH: D_5d_StH

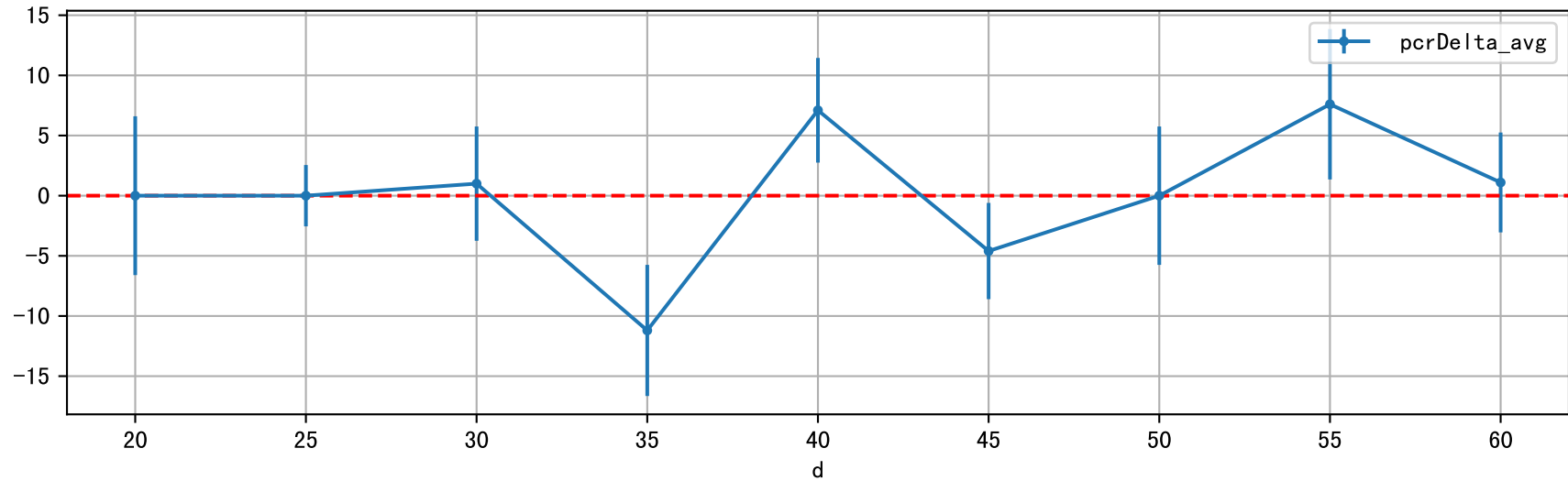


e 19

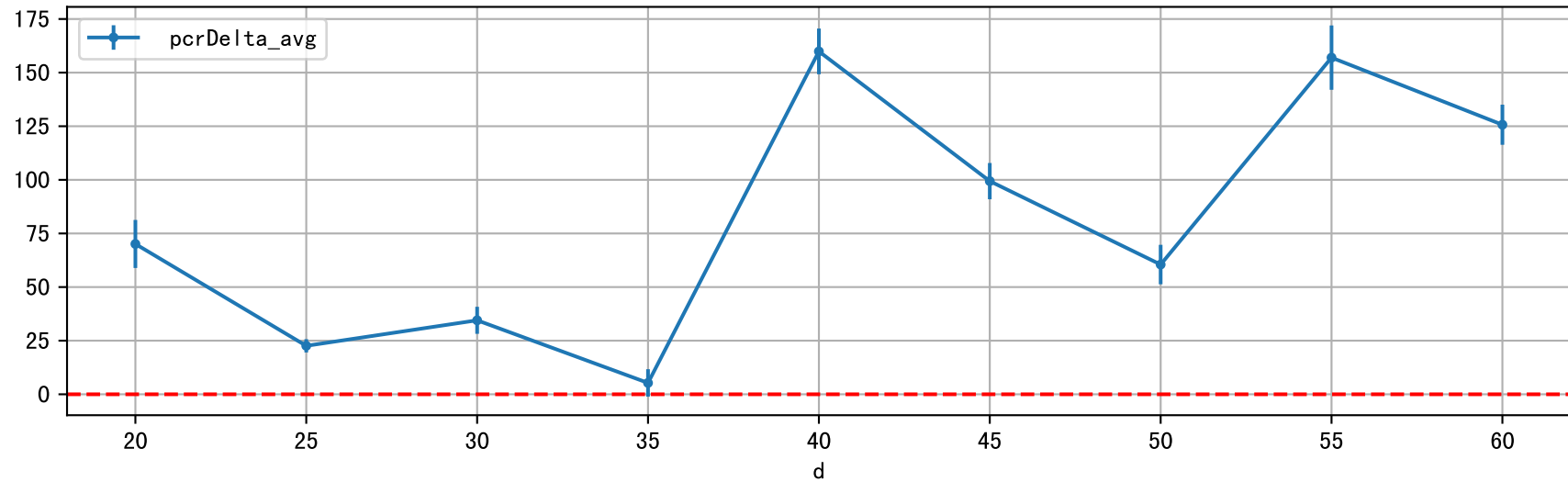
dStH: D_15d_StH



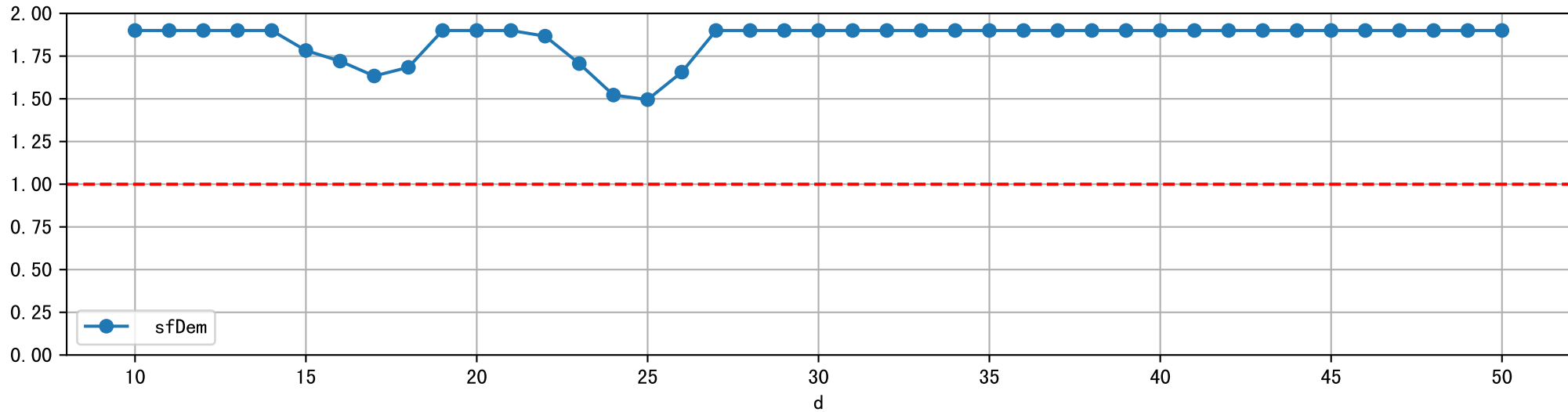
dStH: D_Q50_StH

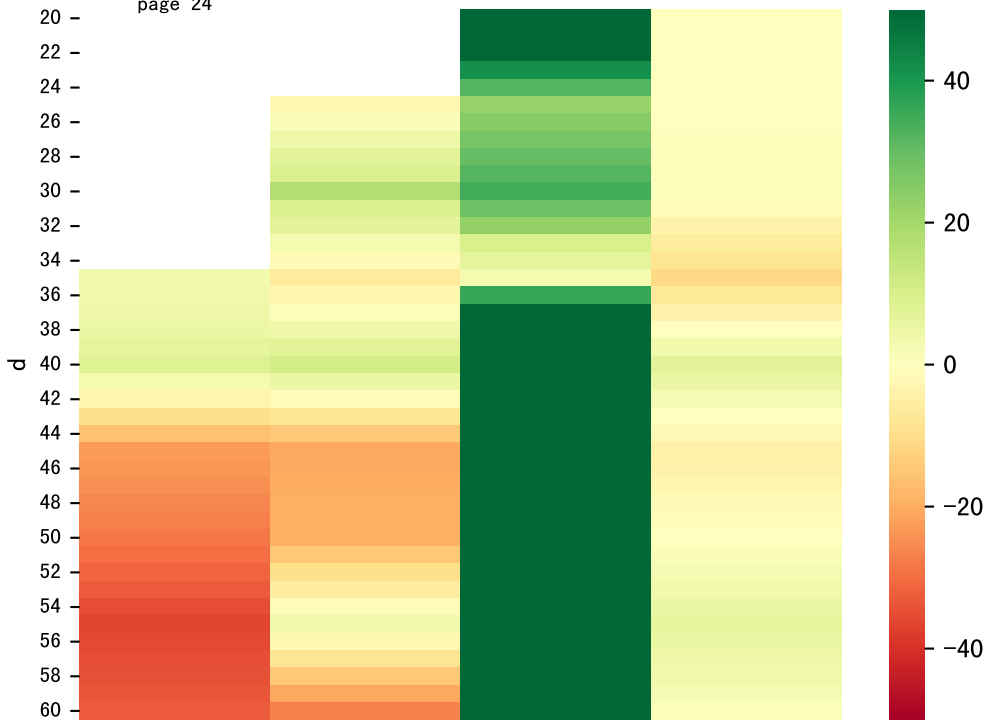


dStH: D_Est_StH



dStH: sfDem

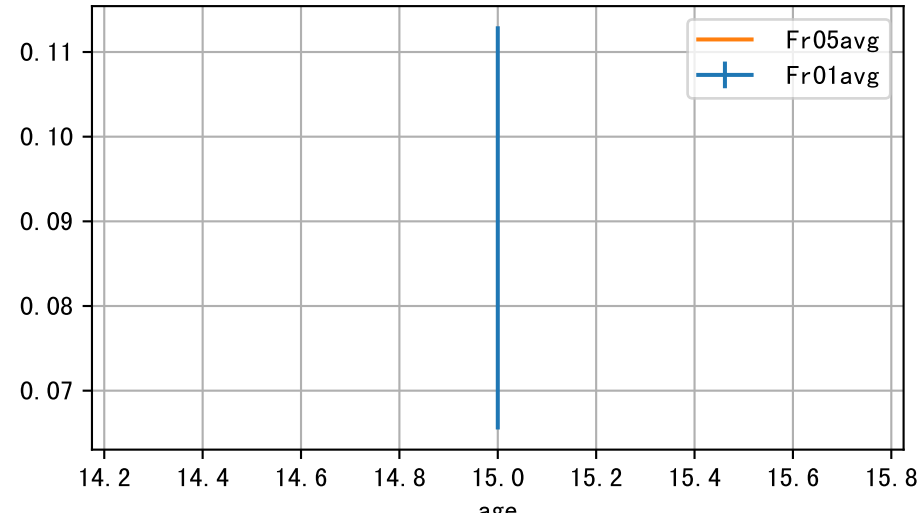
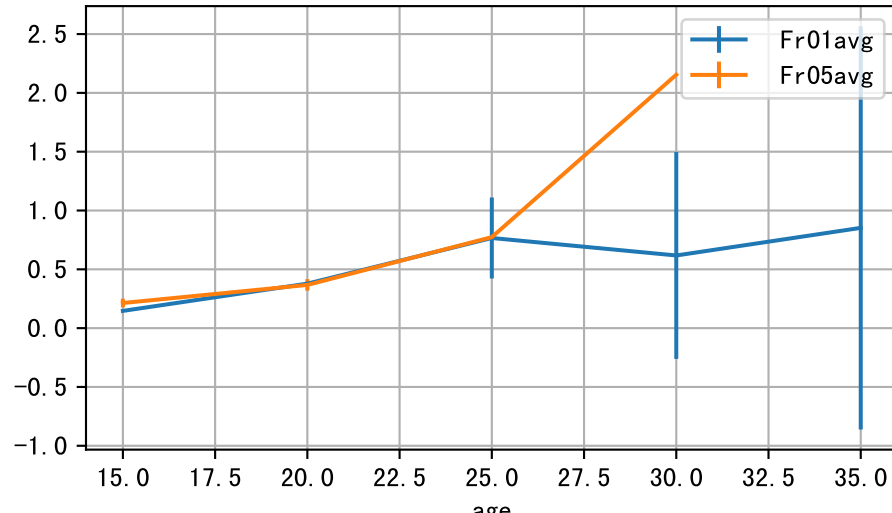




organID=T01

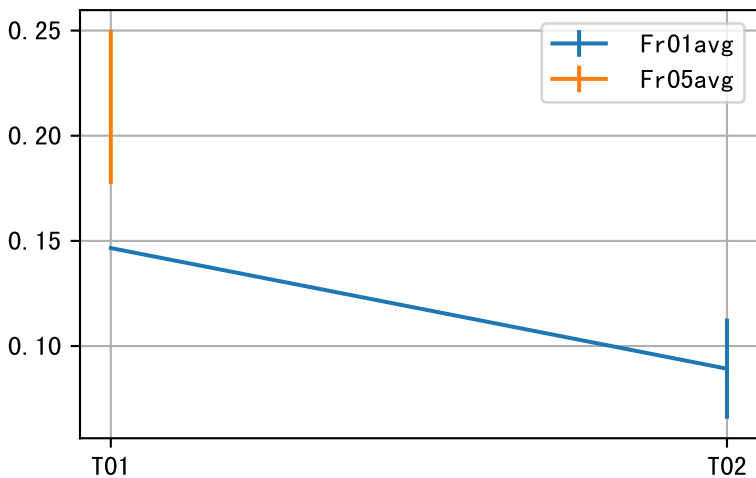
FrV: Fr01 vs Fr05 at each truss

organID=T02

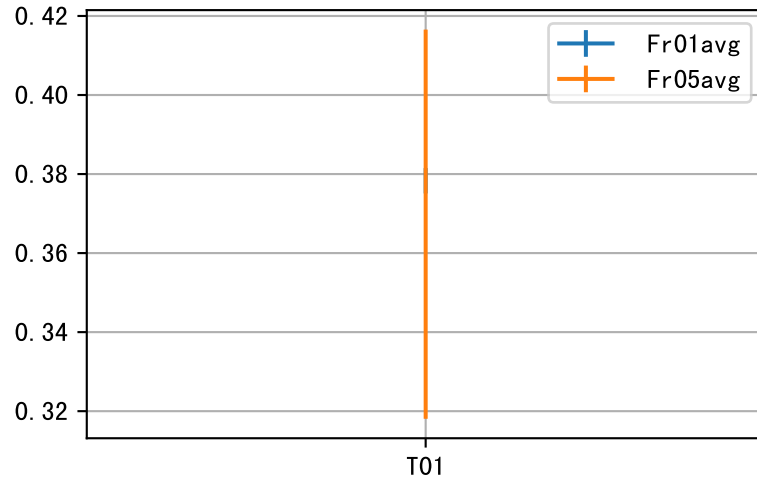


FrV trend at each age

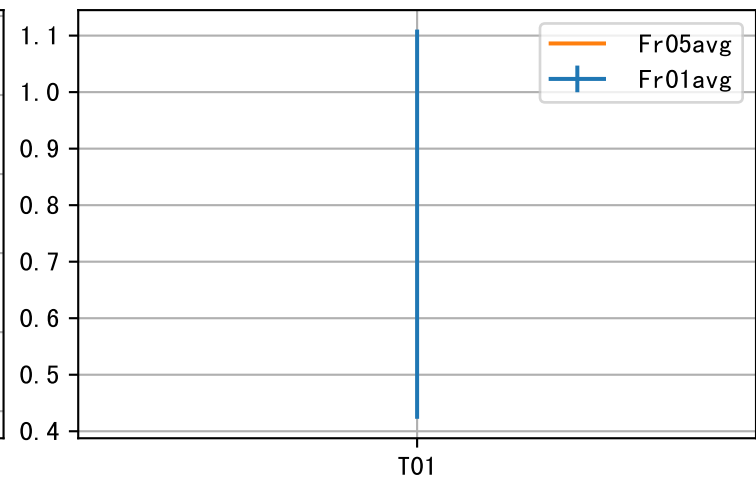
age=15



age=20

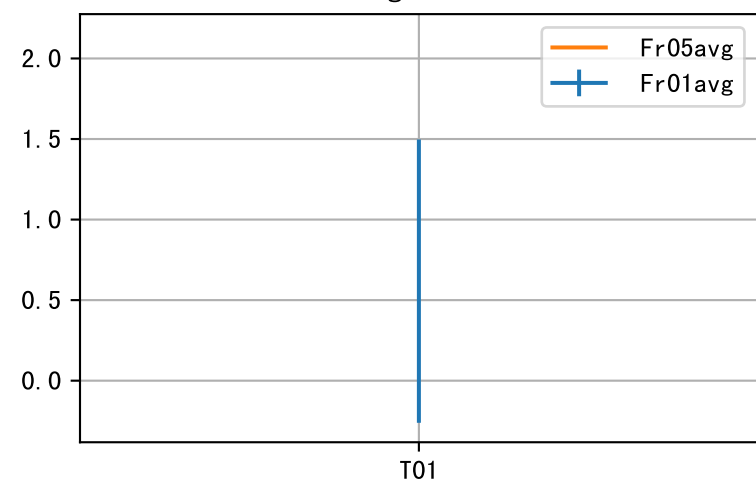


age=25

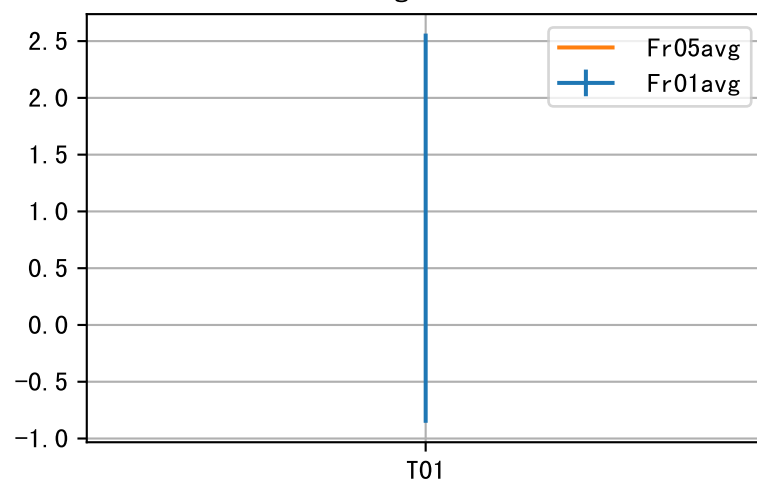


organID

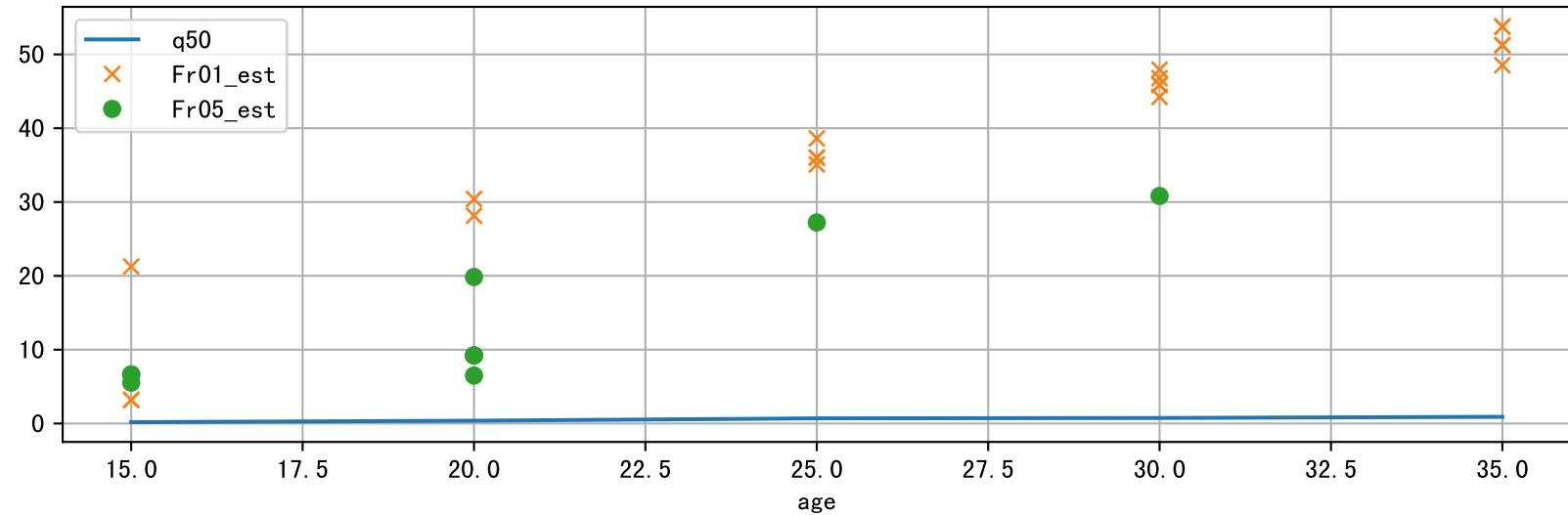
age=30



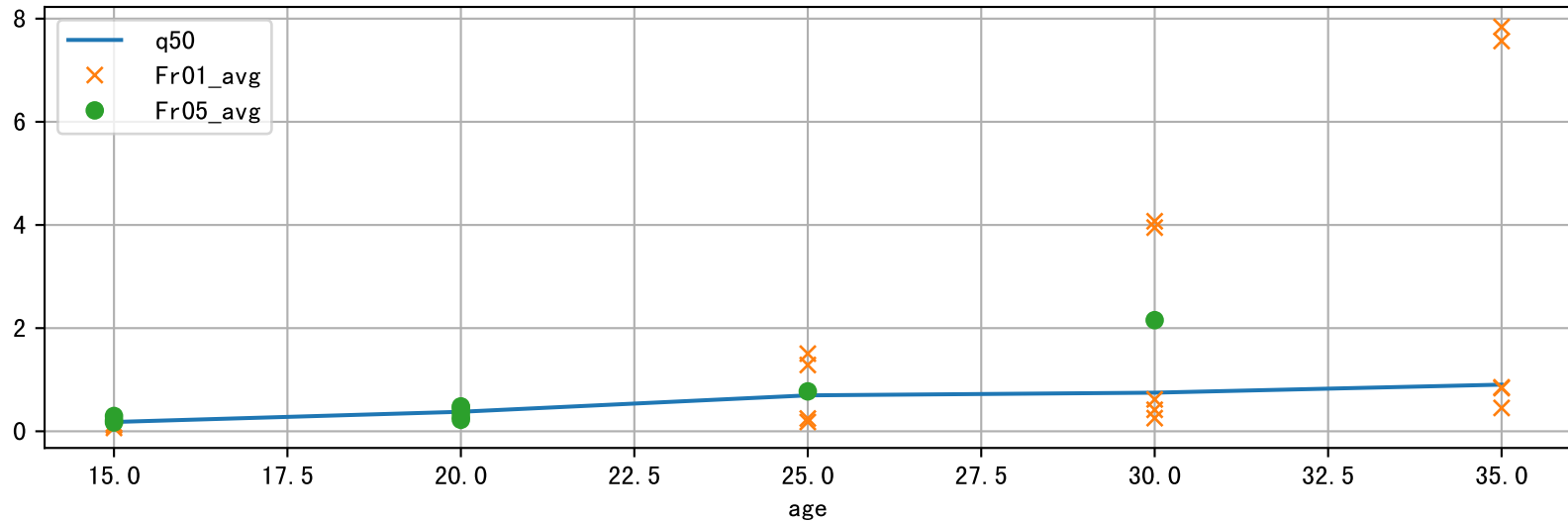
age=35



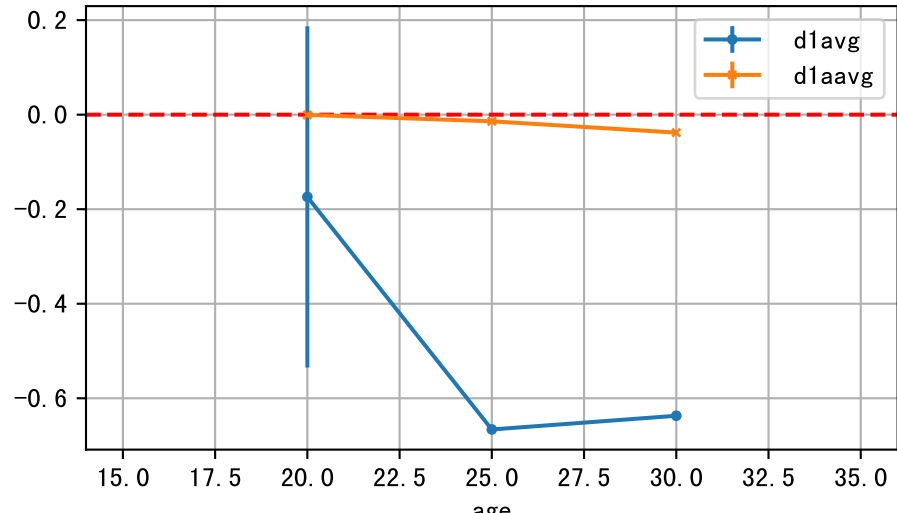
FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90

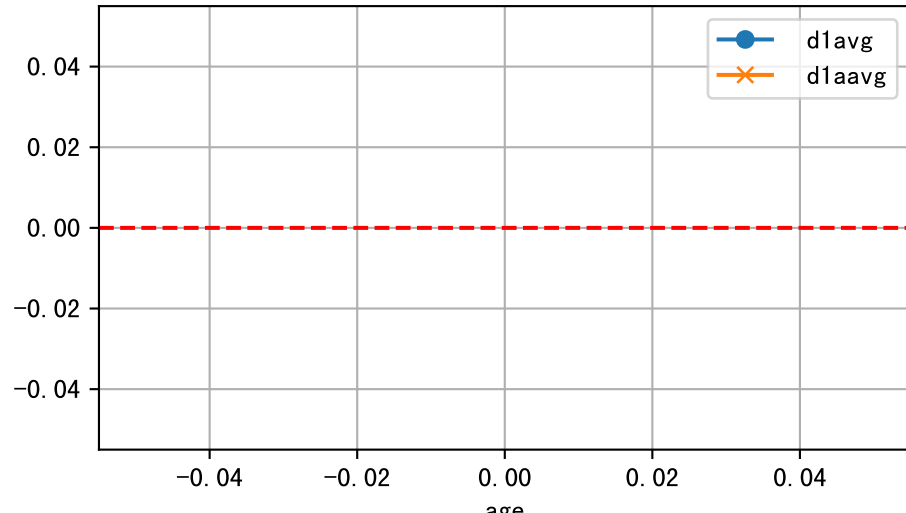


organID=1

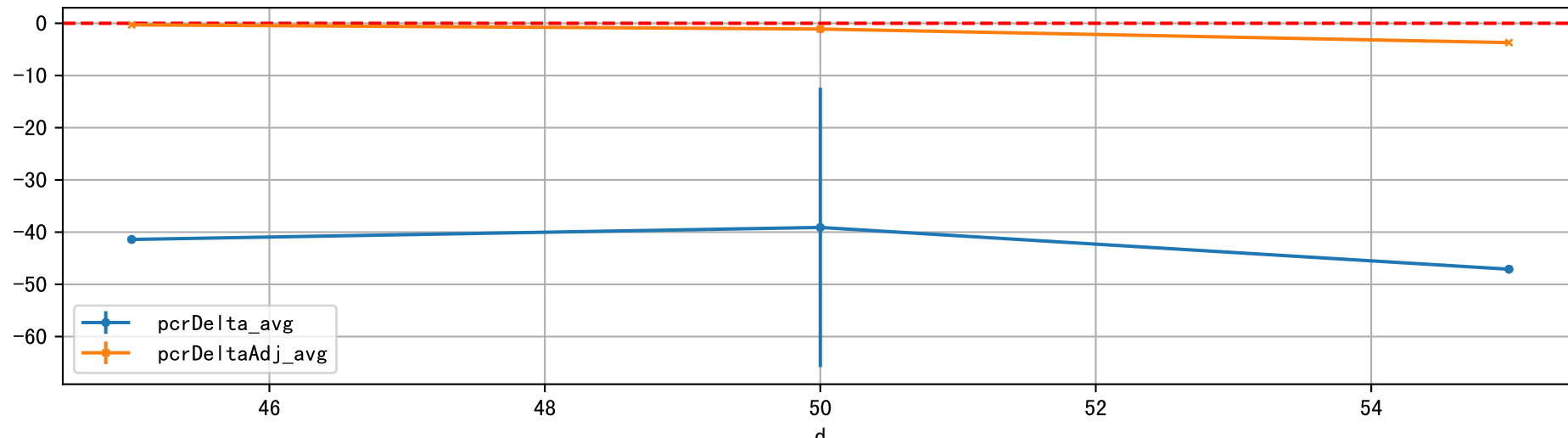


FrV: D_Fr1_FrV

organID=2

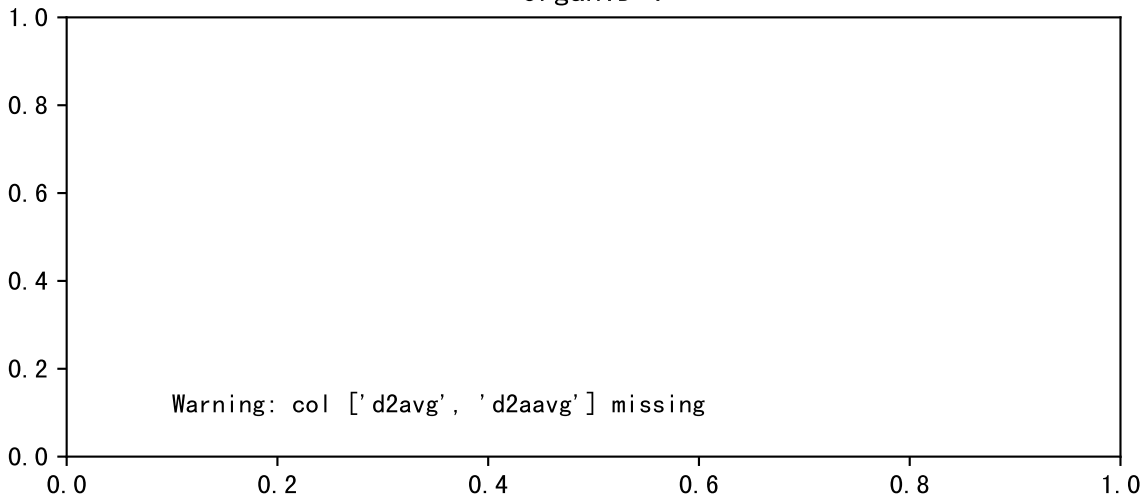


P10AE FrV: D_Fr1_FrV

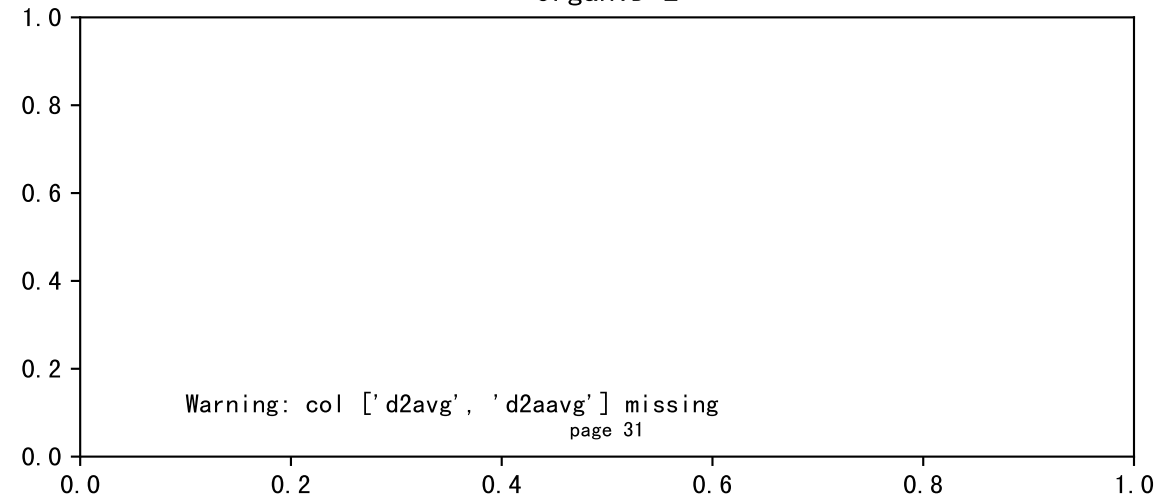


FrV: D_Ts_FrV

organID=1

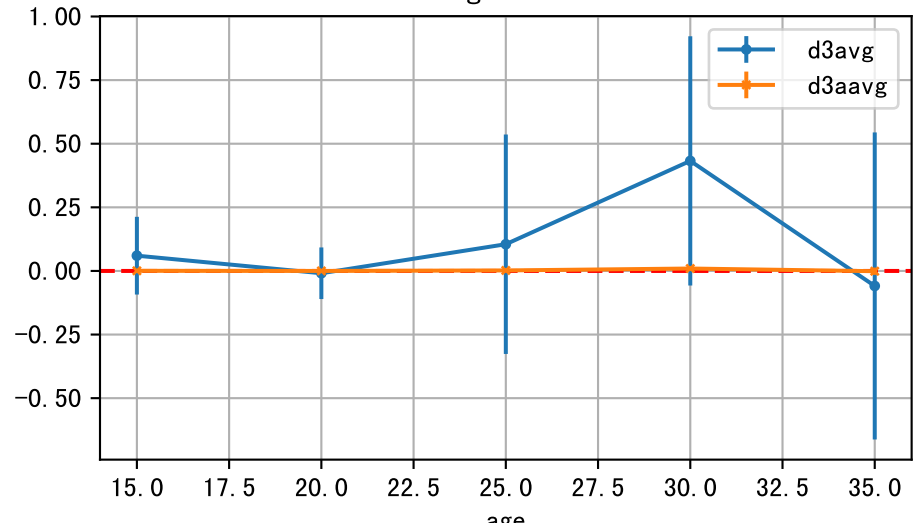


organID=2

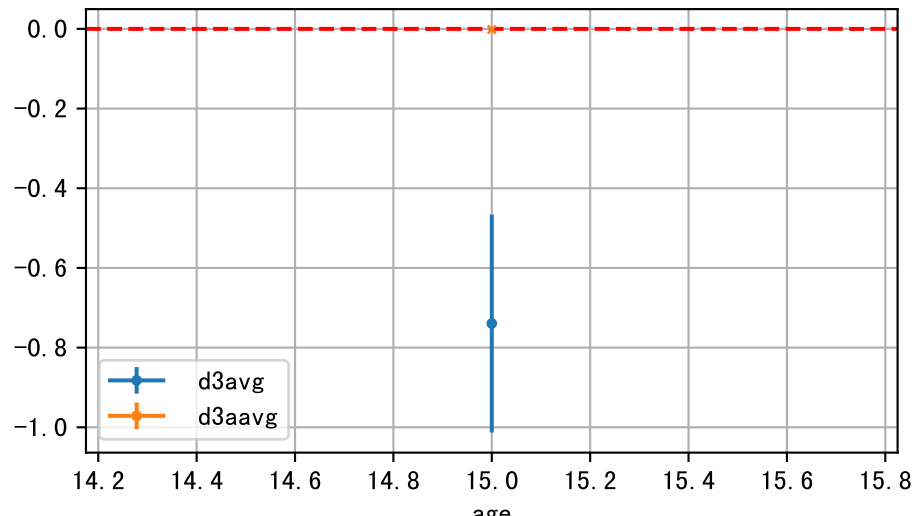


FrV: D_Q50_FrV

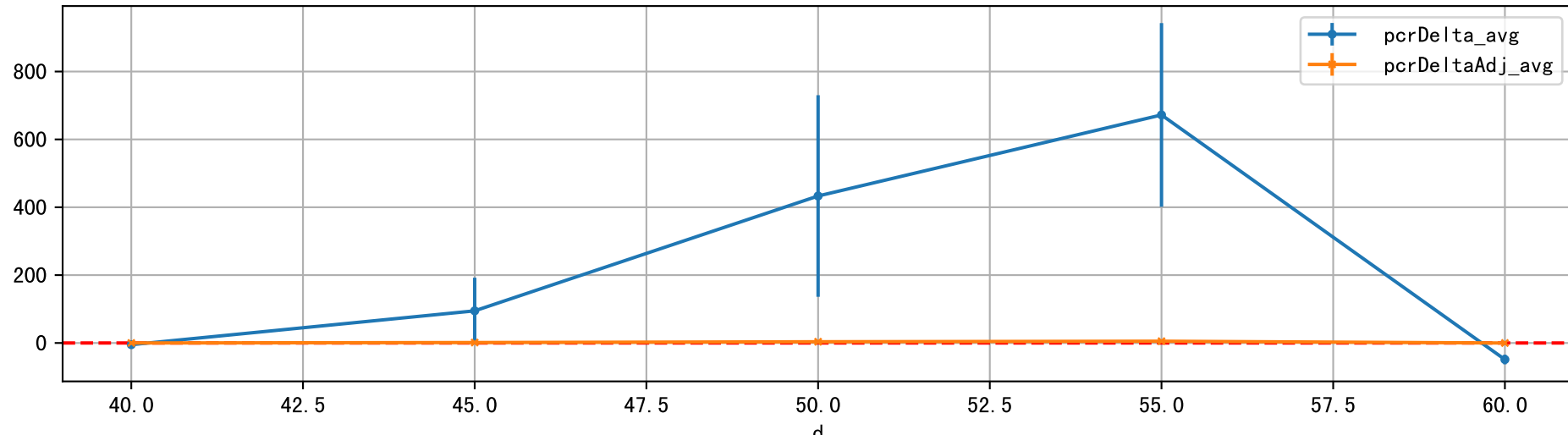
organID=1



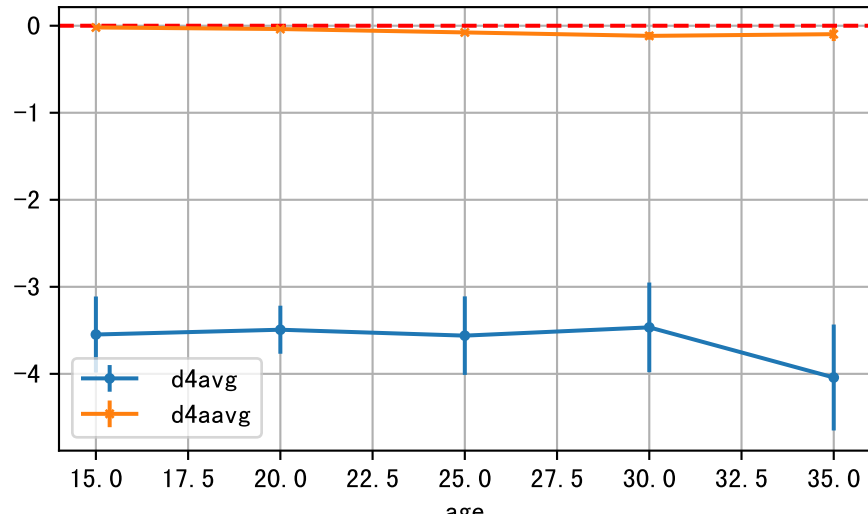
organID=2



P10AE FrV: D_Q50_FrV

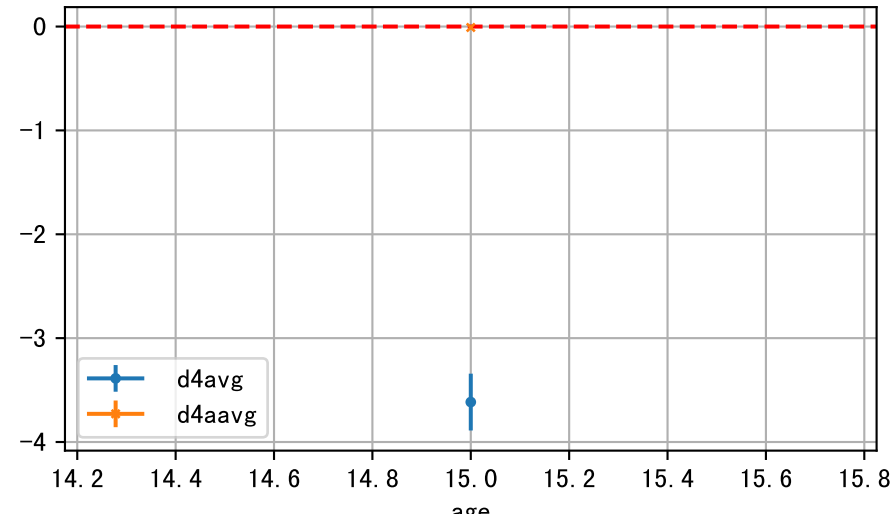


organID=1

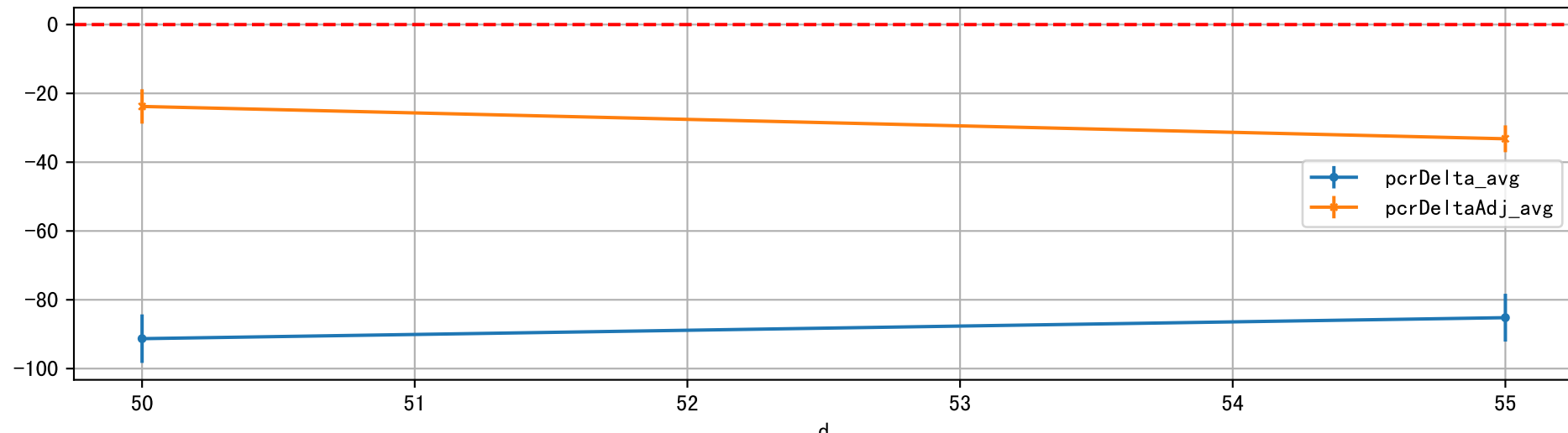


FrV: D_Est_FrV

organID=2



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

